P R O D U C T S

USER INTERFACES ▪ MULTI-ROOM CONTROLLERS ▪ AUTOMATION

AMPLIFIERS ▪ SPEAKERS ▪ ENTERTAINMENT SOURCES

COMMUNICATIONS SYSTEMS ▪ IR SYSTEMS ▪ VIDEO SYSTEMS

STRUCTURED WIRING ▪ ACCESSORIES ▪ ELAN DEALER PROGRAMS

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ELAN Home Systems

Lexington, KY USA

voice 859.269.7760

fax 859.269.7972

sales 877.289.3526

tech support 800.622.3526

email elan@elanhomesystems.com

Special thanks to one of our Dealers in Mexico, NTX, for use of the lifestyle photography in this catalog.

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When you see this symbol, the product is available in either PAL, 230VAC or 240VAC Versions.

Everything Needed for Home Entertainment, Communications and Control.

16 Years in the Business.

ELAN...Do More.

From state-of-the-art volume controls to award-winning VIA!® Touch Panels, ELAN has a user interface to suit the needs, budget and lifestyle of just about anyone.

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VIA!®2-8.4 WIRELESS COLOR TOUCH PANEL

ORDER NO. VIA284

Introducing the VIA!®2-8.4 Wireless Touch Panel from ELAN. The VIA!2-8.4 is an 8.4 in., full-color, LCD touch panel that not only provides wireless control of the ELAN system, but is also a feature-packed wireless controller for any home theater.

This sleek-looking, light-weight wireless panel features new and updated ELAN "motifs" that let the user customize the look and feel of the display screen. The 8.4 in. high-brightness LCD display allows for large, user-friendly button layouts for the control of A/V components, lighting and relay-activated devices such as drop-down screens, projection lifts, drapes, blinds and more.

As an ELAN zone controller, the VIA!2-8.4 provides in-zone wireless access to every component and sub-system connected to ELAN multi-room and RS-232 controllers. This model includes 2-way text feedback of ELAN's tried-and-true library of SC4 System Controller serial drivers, including the new Triple XM Satellite Audio Receiver, the XM-R3, plus Ethernet control of the VIA!dvdj DVD Controller.

As a home theater controller, the VIA!2-8.4 puts every facet of a home's largest entertainment center right at your fingertips. Control TVs, DVD players, A/V receivers, surround sound processors, screens, lifts, lighting, window treatments and more all from the comfort of your seat.

Future software/feature-set enhancements to the VIA!2-8.4 Wireless Touch Panel will be field-upgradeable through VIA!TOOLS downloads. See VIA!TOOLS, pg. 6.

The VIA!2-8.4 comes with a tabletop recharge/docking cradle, plug-in power supply, a long-life internal battery pack, a protective hard-rubber jacket and a stylus for ease of use.

FEATURES

- Provides wireless control of Home Theater & ELAN systems
- Large 8.4 in. high-brightness, full-color display
- Sleek, light-weight design for easy handling
- New and improved screen "motifs"
- 8.02.11b/g WiFi communications protocol
- Recharge/docking cradle (incl.), additional cradles sold separately

2006 RELEASE NOTES

- A VIA!2-SS1 is required for each VIA!2-8.4 Wireless Touch Panel, see pg. 18
- Feedback from 2-way serial drivers also requires interconnection to an SC4 System Controller, see pg. 19
- 1-way serial drivers for local control of RS-232 subsystems can be loaded directly into the SS1, see pg. 18
- A dedicated network (LAN) & wireless access point (WAP) is required for the VIA!2-8.4

SPECIFICATIONS

Display: .....8.4 in. high brightness LCD

Wireless LAN: ....internal 8.02.11b/g WiFi

Viewing Angles: .....60° up, 35° down, 45° left/right from center

Operating Temperature: .....32-104°F (0°- 40°C)

Power Requirements: 12VDC, 3.5A

Dimensions
(in.) 9-7/16 W x 7-15/16 H x 13/16 D
(mm) 244 W x 200 H x 20 D

Weight w/internal battery: ...1.9 lbs/.86 kg

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VIA!®-6.4 6.4" IN-WALL COLOR TOUCH PANEL

ORDER NO. VIA64

FEATURES

- 6.4 in. color LCD touch panel
- 20-source/system controller & video monitor
- High-contrast 6.4 in. LCD (2.6 million colors, 372 x 234 pixel resolution)
- High-quality customized graphics and motifs for each homeowner and each room
- Touch-sensitive overlay—no buttons
- Large display area
- Every icon is configurable for single or multiple functions
- Non-volatile flash memory ensures all programming is maintained in the event of a power outage & allows for in-shop programming
- VIABKT64 Rough-In Bracket available in pkgs. of 6 (optional)

SPECIFICATIONS

Connections: .....System Port (RJ-45), Local Port (RJ-45), Video IN ("F" connector), Video Loop OUT ("F" connector), Power Terminal (screw terminal)

Wiring Requirements: .....Cat-5 (data), RG-6 or RG-59 coaxial cable (composite video), min. 18 AWG 2-conductor twisted-pair (power)

Resolution: ..... 372 (W) x 234 (H)

Video Signal: ..... NTSC Composite Video

Power Requirements: .....+16VDC, 1.0A

Viewing Angles: .....60° up, 35° down, 45° left/right from center

Mounting Height: .....52 in. – 58 in.

Dimensions

Frame: .....(in.) 7-3/8 W x 5-5/16 H x 5/16 D (mm) 188 W x 135 H x 8 D

Panel Depth: .....2 in. (51 mm)

Cut-Out (approx.*): ...(in.) 6-1/4 W x 4-7/8 H (mm) 159 W x 124 H

*Use provided cut-out template for exact dimensions

The award-winning VIA!® graphical user interface is a full-color, easy-to-program LCD touch panel that can be used to control up to 20 audio/video components and whole-house systems such as lighting, temperature and security. The VIA!6.4 is also a high-quality color monitor that allows the user to view video sources such as cable TV, satellite TV and closed circuit TV cameras.

With seven different trim plates and over 70 selectable screen motifs, each panel can be designed to match the decor of any room. The 6.4 in. screen allows for large, user-friendly graphics and eliminates the need to scroll through numerous pages to control A/V components or house-wide systems.

And the VIA!6.4 is a universal touch screen that can be integrated into any audio/video system.

Every VIA!6.4 ships standard with a white frame. Additional frame color options are sold separately, and are available in ivory, almond, black, brown, brass and chrome.

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VIA!®VALET-6.4 6.4" TABLETOP/UNDER-CABINET COLOR TOUCH PANEL

NEW!

ORDER NO. VIAVALET64

Featuring the same functionality as the award-winning VIA!®6.4 In-Wall Touch Panel, this addition to the VIA! line-up gives full control of whole-house A/V systems, lighting, security, temperature, video monitoring anywhere it's wanted.

The stylish VIA!Valet6.4 provides full-color graphics and is ideal for desktop, countertop or under-cabinet mounting. Mounted under a kitchen cabinet, the VIA!Valet6.4 lets you catch the news, weather or your favorite cooking show. Adjust the screen up to 180 degrees back to front and 270 degrees right to left for the best viewing angle, then fold it up and out of the way when it's time to eat! Placed on a tabletop or desktop, the VIA!Valet6.4 easily folds and lays flat against its base when not in use.

The VIA!Valet6.4 is manufactured with high-impact ABS material and a metal internal frame structure for added durability. It is compact, attractive and features an easy-to-clean LCD case with a weighted base for increased stability. Under-cabinet mounting template is included.

FEATURES

- Ideal for desktop use or under-cabinet mounting
- High-impact ABS construction w/metal infrastructure for added strength & durability
- Unique hinge mechanism allows 180° swivel & 270° rotation
- Folds flat on desktop or under cabinet when not in use
- Weighted base for increased stability
- Concealed cable connections
- Easy-access programming port
- Same award-winning features as VIA!64 (see previous pg.)

SPECIFICATIONS

Connections: .....System Port, (RJ-45)
Local Port, (RJ-45)
Video In/Loop Out ("F" connector)
Power (2-pin connector)

Wiring Requirements: .....Cat-5 (data)
RG-6 or RG-59 Coaxial Cable
(composite video)

Display: .....high contrast 6.4 in. LCD

Resolution: .....372 (W) x 234 (H)

Video Signal: .....NTSC composite video

Viewing Angle: .....180° rotation/
270° swivel

Power Requirements: 16VDC, 1.0A

Dimensions
(in.) 7-1/2 W x 8-1/2 H x 8 D
(mm) 191 W x 216 H x 203 D

Weight: .....4 lbs./1.8 kg

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VIA!®-4.0 4" IN-WALL COLOR TOUCH PANEL

FEATURES

- 4 in. color LCD touch panel
- Controls up to 16 audio/video components, lighting, security, temperature & more
- Full-color video monitor/small in-wall TV
- Affordable step-up from standard in-wall keypads
- Customizable graphics & motifs
- Every icon configurable for single or multiple functions
- Non-volatile flash memory
- Easy-to-program using VIA!TOOLS Setup Software
- Compatible w/every ELAN multi-room controller
- Universal controller for any system
- Easy retrofit installation
- Optional VIABKT4.0 Rough-In Brackets available
- Ships standard w/white frame; ivory, almond, black & chrome frames sold separately

SPECIFICATIONS

Connections: .....System Port (RJ-45), Video IN ("F" connector), Video Loop OUT ("F" connector)

Wiring Requirements: .....Cat-5 (data), RG-6 or RG-59 coaxial cable (composite video)

Mounting Height: ....56 - 60 in. from floor

Viewing Angles: .....10˚ up, 30˚ down, 45 in. left/right from center

Resolution: .....320 (W) x 234 (H)

Video Signal: .....NTSC & PAL compatible (auto-switch)

Power Requirements: .....+16VDC, 1.0A

Dimensions

Frame: ...(in.) 5-27/32 W x 4-9/16 H x 9/32 D
(mm) 149 W x 116 H x 7 D

Cut-out (approx.*): ...(in.) 4-21/32 W x 4-1/16 H
(mm) 118 W x 103 H
*Use provided cut-out template for exact dimensions

Now enjoy VIA!® performance in a space-saving package. Just like its big brother, the VIA!6.4, ELAN's new, smaller VIA!4.0 4" Color LCD Touch Panel gives you fingertip control of all your audio, video and house-wide systems. The VIA!4.0's small, unobtrusive footprint allows it to be installed just about anywhere, particularly in locations where space is at a premium. It also provides an incredibly affordable step up from in-wall keypad controls to a full-color, easy-to-use, graphical control that's perfect for every room in the house.

The VIA!4.0 has all the features that made the time-tested, award-winning VIA!64 one of the best-selling in-wall touch panels on the market today: including one-touch access to audio and video, lighting, temperature and security systems, real-time video monitoring, customizable layouts, room-matching screen motifs, ease of programming and more!

The VIA!4.0 is compatible with every ELAN multi-room controller and can be used in most home systems. The VIA!4.0 uses VIA!TOOLS; the tried, true and familiar setup software ELAN Dealers have been using for years to set up VIA! panels and keypads.

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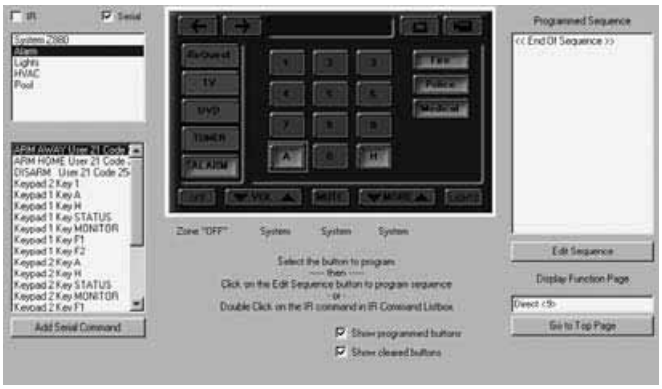
VIA!®TOOLS SETUP SOFTWARE & VIA! LEARNER

ORDER NO. VIATOOLS



Updated for VIA!dvdj and XM™-R3

VIA!®TOOLS software is used to program VIA! Touch Panels and Z•PADs for ELAN multi-room systems. It is also used to program all the features and functions of the VIA!2-SS1 System Station, the SC4 System Controller and SR1 Sense/Relay Module, and contains all the IR code-sets and RS-232 serial drivers for every ELAN component. This updated version of VIA!TOOLS also includes system setup programming for the VIA!dvdj and XM™-R3 Triple Satellite Audio Receiver.

The reason VIA!® is one of the best-selling touch panels on the market today is its quick-and-easy approach to programming.

Intuitive icons guide the programmer through each section. VIA!TOOLS cookie-cutter approach allows importing pre-designed VIA! or Z•PAD layouts for just about any component being integrated into the system. Programmers can create and save their own templates, or entire VIA! panels, which can be imported for other jobs. Select from over 70 decor-matching motifs to enhance the look of almost any room.

VIA!TOOLS ships on a CD ROM that includes a library of pre-written serial drivers for ELAN's VIA! Integration Partners (VIPs). These pre-written drivers make it easy to integrate RS-232-controlled devices into VIA!-controlled systems. They eliminate hours, if not days, of programming time. Included on the CD ROM are serial drivers for some of the industry's top lighting, HVAC, security system manufacturers and more.

VIA!TOOLS updates are available for download from the dealer area of ELAN's web site, www.elanhomesystems.com. Check the website often for the latest version!

VIA!TOOLS also features extremely powerful "Help" tutorials that, with the aid of animation, guide the installer step by step through all of its programming routines.

The included VIA! Learner is an easy-to-use, high-performance IR learner that can capture virtually any pulsed or carrier-based IR command. Learn and test with onboard IR blasters, and archive learned libraries directly to the PC.

The VIA! Learner is also the download interface between a PC and a VIA! Touch Panel or Z•PAD.

VIA!TOOLS Software requires Windows® 98 SE or higher operating systems on a PC with one standard RS-232 or USB port*, 256 color 800 x 600 display, 16MB RAM (min) and approximately 200MB free disk space for associated files.

VIA! Learner

FEATURES

SOFTWARE

- New updates include VIA!®QUAD, VIA!®dvdj and XM-R3™ programming
- Programs VIA! Touch Panels, Z•PADs, the SS1, SC4 & SR1 for ELAN multi-room systems
- Custom video overlays
- Pre-designed function page & source templates
- Drag-&-drop button layouts w/icons or text
- Selectable decor-friendly motifs
- AUTOBUILD feature automatically adds all ELAN multi-room controller system commands
- Click-&-add IR & RS-232 commands or sequences to any button
- Extensive IR library
- Pre-written RS-232 serial drivers for lighting, HVAC, security systems & more
- Powerful "Help" tutorials
- Downloadable updates
- Compatible with Windows® 98, 2000, ME, NT & XP

LEARNER

- Captures carrier-based & pulsed IR commands
- Learn-&-test feature confirms each command is properly captured
- Store learned code sets in VIA!TOOLS IR libraries
- Download interface between VIA! Touch Panels/Z•PADs & PC
- 500kHz capture bandwidth
- 196 pulse data capture & compression algorithms
- Power supply, RS-232 & download cables (incl.)

*** Note: if computer has a USB port, but not a serial port, a serial I/O PC card will be required for connection to the VIA! Learner.**

ELAN has tested and confirmed the functionality of the following product for use with VIA!TOOLS: Socket Communications, Inc. Serial I/O PC Card, Product #: SL0700-004.

For further information on this product, go to www.socketcom.com/product/SL0700-004.asp

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Z•250/Z•200/Z•201 INTELLIGENT KEYPADS

ORDER NO. Z250/Z200/Z201

▲ Z•250

Z•200 ►

Now With Over 120 Custom Keycaps Included

200 Series Z•PADs feature a non-Decora® format and, therefore, larger easy-to-read buttons. Hard keycaps over long-life micro switches provide high-tactile feedback to the user.

Additionally, 200 Series keypads provide LED user feedback for source selection, zone on/off, system on/off, mute and do-not-disturb.

200 Series keypads are intelligent. They "learn" and control just about any source component on the market today. Compatible with VIA!®TOOLS Setup Software, 200 Series Z•PADs are easy to program and have built-in flash memory that allows the installer to program and test in the shop and then take them to the job site fully loaded.

Each has a pre-threaded hole for an optional IR tube, works on a single run of Cat-5 cable and is compatible with all ELAN multi-room controllers and the MAC24. They can be used in any stand-alone application as well.

Each keypad comes with over 120 keycaps that allow the installer to customize the button layout for each system.

▲ Z•201

COMMON FEATURES

- Large-format keycaps & customizable keycap options
- Program sequences w/delay gaps & transmission lengths on any key
- Feedback for source selection, zone on/off, system on/off, mute & do-not-disturb
- Shifted ("*") functions, 1 for each key, revert back to main command after being issued
- Compatible w/all ELAN multi-room systems
- Programable using VIA!®TOOLS
- Non-volatile flash memory
- Optional IR receiver available (IRTUBE, see pg. 65)
- Wiring Requirements: Cat-5, Max. 300 ft.
- Available in white, ivory, almond, black & brown

Z•250 FEATURES

- 13-source, 35-button expanded keypad w/direct access numeric buttons
- 13th source-select button for local source (TV) control
- Optional Z•025 Speaker Relay/Audio Detect Switching Module (see pg. 9) snaps on back
- Fits in a standard double-gang box
- 136 source name & genre keycaps (incl.)
- Power Requirements: 50mA @ +12VDC, 150mA @ +12VDC w/Z•025 (Z250 only)

Z•200/Z•201 FEATURES

- 12-source, 18-button basic keypad
- The Z•201 is a Z•200 keypad in a double-gang frame w/blank Decora® opening that allows you to install a volume control right next to the keypad. Perfect for sub-zone applications!
- 127 source name & genre keycaps (incl.)

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Z•100 INTELLIGENT KEYPAD

ORDER NO. Z100

Now with over 100 Custom Keycaps Included

The Z•100 offers advanced IR control of any system and 12 A/V sources in a single-gang Decora®-style design.

One-touch music is available with the sequencing capabilities of this keypad. Simply select a source, turn on the system and the source then select and play a disc—all with the press of a single key!

The Z•100 features bi-colored LEDs that provide feedback for source select and music detect, indicating audio signal presence (when used with an S12 or Z•630).

The Z•100's molded keycaps lend a subtle profile that works well in any decor. Individual micro switches provide audible and tactile feedback when each button is pressed. Assorted keycap options allow labeling for source and function keys.

The Z•100 is a "learning" keypad that is compatible with virtually all IR controllable A/V distribution systems and source components on the market today. Its non-volatile flash memory allows programming each keypad in-store. Just take the programmed Z•100s out to the job site and put them in the wall.

Use with any ELAN multi-room controller or in any stand-alone system.

FEATURES

- Compatable w/all ELAN multi-room controllers and the MAC24
- "Learning" keypad can control up to 12 A/V sources
- Hard keycaps over micro switches
- One-touch music
- Program sequences w/delay gaps & transmission lengths on any key
- Shifted ("∗") functions, 1 for each key, revert back to main command after being issued
- Uses a standard Cat-5 wire run
- Optional direct access companion keypad w/IR Receiver (Z•150)
- Optional Z•025 Speaker Relay/Audio Detect Switching Module (see pg. 9) snaps right onto the back
- Non-volatile flash memory
- Program & save Z•PAD configurations w/VIA!®TOOLS Setup Software
- Power Requirements: 50 mA @ +12VDC
- 105 source name & genre keypad (incl.)
- Available in white, ivory, almond, black & brown

Z•150 DIRECT ACCESS COMPANION

ORDER NO. Z150

Add the Z•150 Direct Access Companion to expand the capabilities of a Z•100 to include ten-key numerical select, additional sequences, S12 and Z•System EQ control and a built-in IR receiver.

The Z•150 also adds control of a 13th source, which could be a TV or stereo located in the same room as the keypad.

FEATURES

- Provides 10-key direct access
- Built-in IR receiver
- Select & control a 13th local audio source or TV
- Program sequences w/delay gaps & transmission lengths on any key
- Provides EQ control for S12 & Z• systems
- Quick-connect ribbon cable to the Z•100 (incl.)
- Available in white, ivory, almond, black & brown

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Z•VALET Z•100/Z•150 DESKTOP VALET

ORDER NO. ZVALET

Bedside or desktop control has never looked better than with a Z•100/Z•150 installed in the Z•PAD Valet! Z•PAD Valets are handcrafted from select Kentucky hardwoods and then finished in a choice of rich colors. These valets will also accommodate ELAN volume controls and IR tubes!

Elegant to the touch, these valets include soft rubber feet to prevent marring or scratching furniture finishes.

Note: The Z•VALET does not accommodate the Z•250 or Z•200 keypads.

FEATURES

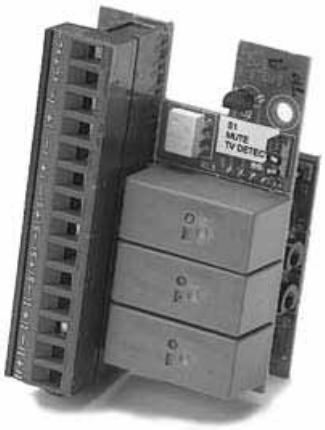
- Hardwood Tabletop Valet for Z•100/Z•150
- 14 ft. RJ-45-to-RJ-45 interconnect cable (incl.)
- Double & single-cutout tops for mounting a Z•100/150 combo or just a Z•100
- Available in white, dark cherry, black & unfinished

Dimensions

(in.) 5-1/2 W x 3-1/2 H x 4-3/4 D
(mm) 140 W x 89 H x 121 D

Z•025 SPEAKER RELAY/AUDIO DETECT SWITCHING MODULE

ORDER NO. Z025



A must-have accessory for audio sub-zone muting and local in-room source control. The Z•025 mounts directly to the back of the Z•100 or Z•250 keypad.

Speaker Relay Mode
A Z•025 on each Z•100/250 keypad allows muting or unmuting the speakers in one room of a zone independently of other speakers in that zone.

Audio Detect Mode
The Z•025 automatically switches a local audio source to the in-wall speakers when detected, and then switches back to the main system audio when the local source is turned off or when an ELAN Page/Door Chime is detected.

Note: Z•025 Audio Detect mode is not available when used with the System12.

FEATURES

- Deplugable, labeled connector
- Installs on the back of a Z•100 or Z•250
- Deplugable, labeled connector

SPECIFICATIONS

Speaker level detect threshold: .....5mV min. to 500mV max.

Switch back delay time:..... Adjustable from 10 to 60 seconds

Priority Switcher Relay: 4PDT

Speaker Disconnect Relay: .....DPDT 10A contacts

Power Requirements: ...85mA @ +12VDC (total keypad current draw 150mA)

Wiring Requirements: ...18 AWG twisted pairs for speaker level connections. (For page & door chime connections, use spare pair from the Z•100 Cat-5)

PWR12 POWER SUPPLY (FORMERLY Z•027)

ORDER NO. PWR12

Use ELAN PWR12 Power Supplies for systems with Z•025s, multiple volume controls with override or to add additional Z•PADs to the Z•630.

SPECIFICATIONS

Output Voltage: .....12VDC @ 2.1A

UL® listed

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V•SERIES VOLUME CONTROLS

ELAN's expanded line of V•Series Volume Controls features seven high-power models capable of handling a continuous 100 Watts per channel and four standard 35WPC models for low-power applications.

All V•Series Volume Controls utilize ELAN's Equi-Step™ technology, providing audibly equal volume increments over all 12 steps. precision-wound transformers with vacuum impregnated high-grade silicon steel laminates ensure super-flat frequency response with no inductive resonance.

ELAN's patented Override circuit (available on many models) allows page and door chime audio to be heard over the speakers even if the volume control is turned all the way down. Six-position override jumpers allow the installer to select just the right page and door chime audio levels in each room.

V•Series Volume Controls have labeled, one-way deplugable connectors that accept up to 14 AWG wire– making termination a breeze. All V•Series Volume Controls are available in white, ivory, almond, black and brown.

ELECTRONIC VOLUME CONTROLS

ELAN V•Series High-Power Electronic Stereo Volume Controls do away with the traditional rotary knob, opting for a sleek "keypad-type" look with low profile buttons. Eleven micro-miniature LEDs provide discrete, yet easy-to-see, volume level feedback. Large, user-friendly Volume UP and DOWN buttons make adjusting the level easy. The MUTE button mutes the volume completely. Both models feature ELAN's patented Page and Doorbell Override Feature, a built-in IR receiver, and come with an IR remote control.

ORDER NO. VSE100
High-Power Electronic Stereo Volume Control with Override and 1, 2 and 4x impedance match settings.

ORDER NO.VEHP
High-Power Electronic Stereo Volume Control with Override and a fixed 1.3x impedance setting.

Mark of Excellence
CEA
2003 Winner

INNOVATIONS
2003

STEREO VOLUME CONTROLS

For stereo listening areas, ELAN offers three high-power and two standard rotary volume controls that meet the needs of most applications.

ORDER NO. VSO100
100 WPC Stereo Volume Control with Override and 1, 2 and 4x impedance match settings.

ORDER NO. VS100
100 WPC High-Power Stereo Volume Control with 1, 2 and 4x impedance match settings.

ORDER NO. VHP
100 WPC Stereo Volume Control with Override and a fixed 1.3x impedance setting.

ORDER NO. VSO
35 WPC Stereo Volume Control with Override and 1, 2, 4 and 8x impedance match settings.

ORDER NO. VS
35 WPC Stereo Volume Control with 1, 2, 4 and 8x impedance match settings.

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MONO VOLUME CONTROLS

There are numerous applications for monaural speakers in multi-room audio systems. In fact, any room without a stationary listening area is a prime candidate for speakers with a combined Left and Right signal. ELAN offers two high-power and two standard mono volume controls for these common applications.

ORDER NO. VMO100
100 WPC High-Power Mono Volume Control with Override and 2, 4 and 8x impedance match settings.

ORDER NO. VM100
100 WPC High-Power Mono Volume Control with 2, 4 and 8x impedance match settings.

ORDER NO. VMO
35 WPC Mono Volume Control with Override and 2, 4, 8 and 16x impedance match settings.

ORDER NO. VM
35 WPC Mono Volume Control with 2, 4, 8 and 16x impedance match settings.

V•SERIES VOLUME CONTROL SPECIFICATIONS

	Mono Volume Controls				Stereo Volume Controls						
	VM	**VMO**	**VM100**	**VMO100**	**VS**	**VSO**	**VS100**	**VSO100**	**VHP**	**VSE100**	**VEHP**
Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Electronic	Electronic
Stereo/Mono	Mono	Mono	Mono	Mono	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo	Stereo
Power Handling (RMS)	35W	35W	100W	100W	35WPC	35WPC	100WPC	100WPC	100WPC	100WPC	100WPC
Impedence Match Setting	2x, 4x, 8x, 16x	2x, 4x, 8x, 16x	2x, 4x, 8x	2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x	1x, 2x, 4x	1.3 x Fixed	1x, 2x, 4x	1.3x Fixed
Override	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes
Override Control	N/A	+12VDC @ 45mA	N/A	+12VDC @ 45mA	N/A	+12VDC @ 45mA	N/A	+12VDC @ 45mA	N/A	+12VDC @ 45mA	+12VDC @ 45mA
Maximum Attenuation	-56dB @ 16x, last step	-56dB @ 16x, last step	-56dB @ 8x, last step	-56dB @ 8x, last step	-56dB @ 8x, last step	-56dB @ 8x, last step	-56dB @ 4x, last step	-56dB @ 4x, last step	-56dB @ last step	-56dB @ 4x, last step	-56dB @ last step
Compatible ELAN Amps	Z300, Z660 A1240	Z300, Z660, MAC24, A1240	Z300, Z660, D400, D660, D1200, D1650 A1240	Z300, Z660, D400, D660, D1200, D1650 A1240	Z300, Z660 A1240	Z300, Z660, MAC24, A1240	Z300, Z660, D400, D660, D1200, D1650 A1240	Z300, Z660, D400, D660, D1200, D1650 A1240	Z300, Z660, D400, D660, D1200, D1650 A1240	Z300, Z660, D400, D660, D1200, D1650 A1240	Z300, Z660, D400, D660, D1200, D1650 A1240

Specs Common to All Models:

Frequency Response: .....20-20kHz, +/- 1dB
THD: ..... <1%
Dynamic Range: .....43dB over 12 steps
DC Resistance: .....5.0 Ohms minimum
Wire Requirements: .....Min. 18 AWG twisted pair for audio plus Cat-5 for models w/override

All models are available in bulk packs of 20. Bulk pack trim kits are sold separately.

VWFK/VWSK V•SERIES WEATHERPROOF VOLUME CONTROL KITS NEW!

ORDER NO. VWFK/VWSK

VWSK

VWFK

ELAN's new Weatherproof Volume Control Kits enable you to install any of ELAN's V•Series Rotary Volume Controls* outdoors or in high-humidity areas such as saunas and indoor pools. Use the VWFK Weatherproof Flush-Mount Kit when there is a need to flush-mount a volume control outdoors. The VWSK Weatherproof Surface-Mount kit is used for surface-mount applications and can be mounted directly onto 3/4 in. PVC conduit. Available in white or almond, each kit features a UV-resistant face plate and low-profile knob, and a weather-sealing gasket(s) which prevents moisture ingress that can damage a volume control.

***Note: the VWFK and VWSK are not for use with ELAN Electronic Volume Controls (VSE/VEHP)**

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MULTI-ROOM CONTROLLERS

No other manufacturer has as diverse and comprehensive a lineup of multi-room controllers as ELAN. From three zones of basic audio to sophisticated 32-zone A/V systems, ELAN's good-better-best offering of multi-room controllers provides dealers and homeowners alike with the features, flexibility and price-points they request.

S12 SYSTEM12 MULTI-ROOM A/V CONTROLLER

ORDER NO. S12

Also Available in 19 in. Rack-Mount Version with Brushed Aluminum Handles (Order No. S12R) and 230-240VAC Versions (Order No. S12240/S12R240)

The System12 (S12) is ELAN's most powerful and flexible multi-source/multi-zone controller to date.

The culmination of 14 years experience in the design and perfection of multi-source/multi-zone controllers, the S12 incorporates the features and reliability you have come to expect from ELAN.

Directly addressing the need to distribute more A/V sources to more rooms, the S12 has line-level inputs for 12 audio sources and a built-in 16 x 16 high-definition video switcher for the distribution of both composite and component video sources. Additionally, the S12 has eight RJ-45 jacks to connect up to eight zone-specific local sources, allowing you to place "private" audio sources in each zone (i.e. a CD player in the master bedroom), and allowing the user to control it from the same keypad or touch panel they use for everything else.

The on-board 16 x 16 video switcher provides the ultimate in flexibility. The S12 can route up to 16 composite video sources to any of its 16 video outputs. It can also distribute the $Y/P_B/P_R$ signals from up to five component video sources and handle high-definition video signals for house-wide distribution. If you want to keep it simple, right out of the box the S12's audio inputs are automatically linked with the first 12 video inputs – just select a source and the audio and video will switch simultaneously.

One S12 can independently access music and video in up to eight zones. And up to four S12s can be linked together, giving the system designer and the homeowner the flexibility they need to create the system that's just right for their home and lifestyle – 8, 16, 24 or 32 independent listening areas.

The S12 also incorporates a plethora of must-have features such as whole-house music, dynamic range compression, source leveling, bass and treble EQ for each zone, volume and EQ memory retention, and audio/video source-sensing for system feedback at keypads and touch panels.

Other features include variable and fixed zone audio outputs, buffered loop outputs for each audio and video source, source-specific IR routing, two IR "ALL" ports, an external IR input, six sense trigger inputs, eight trigger outputs, expansion ports for the easy addition of a 2nd, 3rd or 4th S12, and a serial port for external RS-232 control and programming. And the PS12 Precision Panel makes all system connections quick, neat and reliable.

The S12 integrates easily with ELAN's Z•600 Communications Controller, providing homeowners with ELAN's patented telecommunication features such as phone-to-phone intercom, whole-house paging, 2-way door station communications, caller-on-hold, music-on-hold and more–all from their existing touch-tone telephones. ELAN color CCTV cameras can be connected directly to the S12 so that homeowners can also see who is at the door, as well as monitor pool areas, nurseries, etc. And since the S12 is compatible with each and every ELAN user interface, homeowners can choose from a wide selection of in-wall or tabletop keypads and touch panels that best suit their needs or the décor of a particular room.

With the S12 there's no need to skimp on how many sources available throughout the house, or the number of rooms in which to listen to them.

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S12 CONTINUED

FEATURES

- 8-zone, multi-source/ multi-zone A/V controller
- 12 audio inputs
- 8 local source audio inputs
- On-board 16 x 16 video switcher distributes composite, component & high-definition video
- Expandable to 32 zones
- Buffered audio & video loop outputs for each source
- Variable & fixed zone outputs
- Independent bass, treble & do-not-disturb for each zone
- Volume & EQ memory retention
- Audio & video source-sensing for system feedback
- +/- 6dB source-leveling
- Zone-specific dynamic range compression
- 6 sense inputs
- 8 zone trigger outputs
- System trigger output
- Source-specific IR routing plus 2 IR "All" ports
- External IR input
- RS-232 controllable
- Uses VIA!®TOOLS setup software for all programming
- Compatible with all ELAN keypads & touch panels
- PS12 Precision Panel makes system connections quick, neat & reliable
- Expansion ports for easy connection of multiple chassis
- Blue vacuum fluorescent display shows zones, sources, volume, do-not-disturb, whole-house music status & more
- Easy integration with ELAN Z•600 Communications Controller
- Rack-mount model (S12R) w/rugged brushed aluminum handles available
- Also available in 230V-240V for export, Model S12240 & S12R240

SPECIFICATIONS

Source Inputs
Input Sensitivity: .....0-2 VRMS
Input Impedance: .....47k Ohms

PreAmp Outputs
Volume Adjustment Range: .....-70dB
Frequency Response: .....20Hz to 20kHz, +/-0.5dB
THD+Noise(@1kHz): .....<0.02%
Signal-to-Noise (A weighted): 83dB
Crosstalk (zone to zone): .....>-70dB
Output Impedance: .....600 Ohms

Music on Hold Output
Output Impedance: .....600 Ohms
Max Output Level: .....+6dB

Page & Doorbell Input
Input Sensitivity: .....0-2V RMS
Input Impedance: .....47k Ohms

Video
Gain: .....Unity
Bandwidth (-3dB): 125mHz
Gain Flatness (0.1dB): 40mHz
Input Impedance: .....75 Ohms
Output Impedance: .....75 Ohms
Crosstalk: .....>-64dB @ 5mHz

General
Trigger Outputs: ....+12VDC @ 100mA each
Keypad Power: .....300mA per zone
Power Requirements: .....120VAC 50/60Hz or 230-240VAC 50/60Hz
Power Consumption: 125W

Dimensions
S12: .....(in.) 17 W x 7-1/2 H x 17 D
(mm) 432 W x 191 H x 432 D
S12R: .....(in.) 19 W x 7 H x 17 D
(mm) 483 W x 178 H x 432 D
S12 Weight: .....33 lbs/14.9 kg
S12R Weight: .....34 lbs./15.4 kg
ETL® listed & CE approved

S12XK S12 EXPANSION KIT

ORDER NO. S12XK

The System12 Multi-Room A/V Controller allows you to link up to four chassis together, providing you with the flexibility to create 8-, 16-, 24- and 32-zone systems. The S12 Expansion Kit includes all the essential cables for routing IR, RS-485, RS-232, page audio and page trigger between two S12s.

The kit includes:

- (1) 1-meter 15-pin D-Sub cable for IR/RS-485 transmission between chassis
- (1) 1-meter 9-pin D-Sub cable for serial data transmission between chassis
- (1) 18 in. 3.5 mm "mini" plug interconnect cable for Z600 Trigger connections between chassis
- (1) 18 in. male RCA-to-RCA cable for page audio connections between chassis

FEATURES

- Expansion kit for 16-, 24- and 32-zone S12 systems
- Cables route IR, RS-485, RS-232, page audio & page trigger between chassis
- 1 kit required for each 2nd, 3rd or 4th S12 in a system (3 kits max.)

Note: Does not include cables for routing source audio and video between S12s. Order ELAN CZP and CZV Interconnect Cables separately.

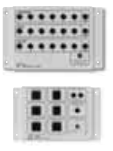
D1650 Digital Power Amplifier

With 16 channels of digital power, the D1650 is perfect for the S12's 8 zones of audio distribution. See AMPLIFIERS, pg. 24.

And look for these "must-have" S12 Accessories...

PS12 Precision Panel makes System12 connections quick & trouble-free. See ACCESSORIES, pg. 95.

Connect VSEs & the Z600 to the S12 w/PVSE & PZ600 Precision Panels. See ACCESSORIES, pgs. 95-96.



The LSWP Local Source Wall Plate Kit sends audio & IR from local sources back to the S12 down a single run of See ACCESSORIES, pg. 102.

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S6 SYSTEM6 INTEGRATED MULTI-ROOM CONTROLLER

ORDER NO. S6

Also Available in 230-240VAC Version (Order No. S6240)

With more sources, more zones, more power and more features than any other basic multi-room system, the System6 (S6) is the logical one-box-solution for entry-level multi-source/multi-zone audio distribution—from the company that's been setting the standard for years.

The S6 is a six-source by six-zone integrated audio preamp controller and power amplifier. It allows up to six audio sources to be accessed independently by up to 12 keypads located in six separate zones. Keypad RJ-45 jacks on the back of the unit make installation practically "plug-and-play". With 12 channels of amplification at 40 watts per channel built in, the S6 provides the kind of sound quality that is expected from ELAN.

The S6 is compatible with all ELAN keypads and touch panels. Unlike other basic multi-zone systems, the S6 sends important user-feedback to keypads and touch panels connected to the system, informing the user as to the Power ON status of source selected, do-not-disturb, whole-house music, system on/off, zone on/off, mute and more.

Six source-specific IR output ports allow multiple same-make sources to be used in the system without contention. An IR "ALL" port is also provided.

Six source status inputs provide a means for intelligent power management. Six zone trigger outputs and two system trigger outputs supply built-in automation and external amplifier triggering capabilities.

Expanding the system for more rooms of audio is easy with the six-zone preamp outputs. Want to add ELAN telephone features or video switching? The S6 interfaces easily with the Z•600 Communications Controller and Z•880 8 x 8 Composite Video Controller.

The S6 provides an entry-level alternative to ELAN Z• and S12 Systems and is a practical, yet feature-rich, first-step system for many consumers.

FEATURES

- 6-source/6-zone, 1-box solution
- 12 channel x 40 WPC power amplifier built in
- Each zone is configurable for variable or fixed outputs—perfect for sub-zone applications
- Compatible with all ELAN keypads & touch panels
- RJ-45 jacks for easy keypad connections
- User feedback display on all system keypads & touch panels
- 6 source status inputs
- 6 zone trigger outputs
- 2 system trigger outputs
- 6 source-specific IR output ports plus 1 "ALL" port
- Z•600 & Z•880 compatible
- Depluggable speaker terminals for easy wire connections
- Only 2 rack-spaces high

SPECIFICATIONS

Power Requirements: 120VAC/60Hz
or 230-240V/50Hz

Dimensions
(in.) 17 W x 4-1/8 H x 12-3/4 D
(mm) 432 W x 105 H x 324 D

Weight: .....22 lbs./9.9 kg

ETL® listed & CE approved

RSWP Remote Source Wall Plate Kit

Locate any System6 source anywhere in the house with the RSWP. See ACCESSORIES, pg. 102.

New RMK3 Rack-Mount Kit

*Rack-mount the S6 with the new RMK3 Rack-Mount kit! See ACCESSORIES, pg. 102.

*See Note regarding compatibility on pg. 102.

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Z•630 SERIES II MULTI-ROOM CONTROLLER

ORDER NO. Z630

Also Available in 19 in. Rack-Mount Version (Order No. Z631) and 230VAC Versions (Order No. Z630230/Z631230)

The award-winning Z•630 Multi-Room Controller allows independent access of up to six sources in three different zones. Up to four Z•630s can be linked together, providing a six-source by twelve-zone music distribution system.

Buffered audio loop outputs allow sources to be shared between the Z•System and home theater components without signal degradation. Built-in music detect circuitry conveys the on/off status of each source to all keypads, allowing for intelligent power management of sources. Source and system status is displayed on all keypads and VIA!® Touch Panels in the system, providing user-friendly feedback for enhanced control.

Each zone output level can be fixed independently, making the creation of sub-zones with volume controls as easy as flipping a dipswitch. Six source-specific IR output ports allow multiple same-model sources to be used in the system without contention. An IR "ALL" port is also provided.

Zone-specific bass, treble, loudness and spatial enhancement settings are stored in the Z•630's non-volatile flash memory. The do-not-disturb feature ensures that ELAN Page and Door Chime audio will be heard in a zone only if/when desired.

The Z•630 also provides a music-on-hold output signal and a page/door chime input interface to the Z•600 Communications Controller. The 12VDC remote output trigger synchronizes amplifiers and intelligent power managers to zone on/off, page and door chime activity in the system. The Z•630 will even "wake up" VIA! Touch Panels whenever the doorbell button is pressed or a page is initiated.

WINNER of the HI-FI GRAND PRIX AWARD AudioVideo

DESIGN & ENGINEERING SHOWCASE HONORS 1998 INNOVATIONS

FEATURES

- 6 x 3 Audio PreAmp Controller
- Expandable to 12 zones w/4 Z•630s
- Compatible w/all ELAN keypads & touch panels
- "Music detect" for each input when using ELAN keypads
- Non-volatile memory retention
- Music-on-hold output & page/door chime input
- 6-source IR router plus 1 "ALL" port
- 12VDC @ 100mA remote trigger output
- Volume, EQ settings & whole-house music status displayed on VIA! Touch Panels

SPECIFICATIONS

Frequency Response: .....20Hz to 20kHz +/-.25dB

Signal to Noise: .....>95dB (A-weighted)

Channel Separation: .....>-70dB @ 1kHz

THD: .....<0.01%

Input Impedance: .....24.3k Ohms

Bass/Treble Adjust: .....+/-12dB, 2dB steps

Power Requirements: .....120VAC, 12W or 230VAC, 12W

Dimensions

Z•630: ...(in.) 17 W x 2-1/4 H x 10-1/2 D
(mm) 432 W x 58 H x 267 D
Z•631: ...(in.) 19 W x 1-3/4 H x 10-1/2 D
(mm) 483 W x 45 H x 267 D

ETL® listed & CE approved

RSWP IR/Audio/Video Wall Plate Kit

Locate any Z•630 source anywhere in the house with the RSWP. See ACCESSORIES, pg. 102.

PZ6 Precision Panel

For a first-class, problem-free Z•System trim-out, use the PZ6 Precision Panel. See ACCESSORIES, pg. 97.

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au'to-ma'tion, n. [[AUTOMA(TIC) + -TION]] a system in which many or all of the processes are automatically performed or controlled, as by an electronic device.

Yes, we do that also —with lighting, security, HVAC, screens, window treatments and more . . .

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VIA!®2-SS1 VIA!2 SYSTEM STATION

ORDER NO. VIA2SS1

The VIA!2-SS1 System Station is an RS-232, IR, Sense and Relay controller all rolled into one. It is also the companion component to the VIA!2-8.4 Wireless Touch Panel, translating the wireless panel's 8.02.11b/g WiFi commands into actions that can control just about every aspect of a Home Theater or a zone in an ELAN multi-room system.

Featuring the most flexible IR engine from ELAN to date, the VIA!2-SS1 has twelve fully-steerable IR output ports that can be programmed with if/then/else conditional statements and combined with triggerable sequences to create the ultimate in reliable IR system control. Six Sense inputs allow for the connection of ELAN®SENSE audio, video, current, voltage, light and contact-closure sensors for reliable power management and automation features. The SS1's eight configurable relay outputs can be incorporated into sequences and used to automate home theater screens, lifts, drapes, lighting and more.

The VIA!2-SS1 has four Serial Ports for the integration of local RS-232 controlled sub-systems and components. It is fully-compatible with the VIA!-SC4 System Controller, allowing access to and control of any system (i.e. lighting, temperature, security) connected to the SC4. Quick and easy connection to the ELAN S12 Multi-Room A/V Controller is accomplished through dedicated IR Link. An Ethernet port is provided for interaction with network devices such as the VIA!2-8.4 Wireless Touch Panel. Independent LED activity indicators for all four COM Ports, the Ethernet port and the Host/ELAN ports make for easy setup and troubleshooting.

Future software/feature-set enhancements to the VIA!2-SS1 Wireless Touch Panel are all field-upgradeable through VIA!TOOLS setup software.

FEATURES

- RS-232, IR, Sense & Relay controller all in one
- Companion component/8.02.11b/g translator for the VIA!2-8.4 Wireless Touch Panel
- The ideal, do-it-all Home Theater & Zone controller
- Advanced if/then/else IR engine
- 12 steerable IR output ports, plus "ALL" port & external IR input
- 6 Sense input ports
- 8 configurable Relay outputs
- 4 RS-232 COM ports plus RS-232 Host & ELAN ports
- RJ-45 VIA!NET & Ethernet port
- Independent LED activity indicators for COM, Ethernet, Host & ELAN ports
- Easy integration with ELAN SC4, SR1, S12, VIA!dvdj & Z•880

2006 RELEASE NOTES

- A VIA!2-SS1 is required for each VIA!2-8.4 Wireless Touch Panel
- Feedback from 2-way serial drivers requires interconnection to a VIA!-SC4 System Controller
- 1-way serial drivers for local control of RS-232 subsystems can be loaded directly into the SS1
- A dedicated network (LAN) & wireless access point (WAP) is required the VIA!2-8.4

SPECIFICATIONS

Power Requirements: .....12VDC @ 500mA nominal, ELAN 1.2A power supply (incl.)

IR Outputs (x12)/ALL Port: ...3.5 mm mono jack, 100mA

EXT IR Input: ..... 3.5 mm mono jack, 12VDC active high

Relays (x8)
- Type: ..... NO/NC closed-contact relay
- Contact Rating: .....1A @ 24VDC
- DC Relay Power: .....24VDC max.

Sense Inputs (x6)
- Type: ..... closed-contact
- Connector: ..... 3.5 mm stereo jack
- Power: 5VDC

COM Ports (x4): ....RS-232 DB-9 connectors, 110-115.2k Baud

HOST Port: ….....RS-232 DB-9 connector, 110-115.2k Baud

ELAN Port: ….....RS-232 DB-9 connector, 119.2k Baud

IR Link Ports (x2): .....DB-15 connectors

VIA!NET Port: .....ELAN standard RJ-45

Ethernet Port: .....TIA568A standard RJ-45, 10 BaseT

ETL® & C-tick listed, CE approved

VIA!2 Wireless Touch Panel

Combined with an SS1, the VIA!2 Touch Panel provides the best wireless home theater control!
See USER INTERFACES, pg. 2

PSS1 Precision Panel

A quick, neat, professional trim-out solution for all VIA!2-SS1 connections!
See ACCESSORIES, pg. 99.

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VIA!®-SC4 VIA!® 4-PORT SYSTEM CONTROLLER

ORDER NO. VIASC4

The VIA!® SC4 System Controller takes RS-232 system integration into a new generation of programmer-less setup.

The SC4 is an RS-232 system network interface. It enables up to 30 VIA! Touch Panels to control up to four RS-232-based systems or components such as lighting, security, temperature, A/V processors and more. A fifth dedicated serial port allows you to control ELAN components such as the System12, the Z•880 Video Controller and the SR1 Sense/Relay/IR Controller. The SC4 also interfaces with the VIA!®2-SS1 System Station, allowing control of systems connected to the SC4 from a VIA!®2 Wireless Touch Panel.

The SC4 is programmed using VIA!®TOOLS Setup Software, which incorporates pre-written and pre-tested RS-232 serial drivers that enable the programmer to assign serial commands to any button on a VIA! Touch Panel with the click of a mouse.

FEATURES

- 4-port RS-232 controller for lighting, HVAC, security & more
- Pre-written RS-232 protocol library for quick, easy programming
- VIA! Touch Panel network interface
- Downloadable upgrades
- Tx/Rx activity indicators for each COMM port

ELAN's VIA! Integration Partner (VIP) program includes some of the industry's leading manufacturers of lighting, security, temperature control, audio and video systems.

VIA!®-SR1 VIA!® SENSE/RELAY/IR CONTROLLER

ORDER NO. VIASR1

The VIA!® SR1 Sense/Relay/IR Controller provides enhanced automation and power management capabilities to home theater and whole-house systems.

This IR- or RS-232-controlled device features six independently configurable relay outputs that can be used to automate motorized screens, lifts and draperies. Eight sense inputs, triggerable by contact closure, and eight steerable IR output ports provide a means for intelligent power management for home theater or whole-house A/V components. Programmable "if-then" commands, based on the status of each of the eight sense inputs, assure that the movie screen won't go UP if it's already DOWN, or that the TV won't turn OFF if it's already ON.

The SR1 can be used to enhance the capabilities of ELAN S or Z•Series systems, or added to any stand-alone (non-ELAN) system. It's the perfect compliment for a VIA! Touch Panel in a home theater.

ELAN's line of sensors–ELAN®SENSE–now makes the SR1 even more powerful. Use them to trigger SR1 Sense Inputs whenever audio, video, voltage, current, contact closures or light are detected.

FEATURES

- 8 sense inputs—contact closure, TTL Logic & ELAN®SENSE compatible
- 8 steerable IR emitter output ports
- 6 relay outputs—independently configurable as normally open or normally closed, momentary or latching
- 2 RS-232 serial interface ports (input & thru)
- 1 VIA! RJ-45 interface port

ELAN RS-232-Controlled Components

S12 12-Source/8-Zone Multi-Room Controller, see MULTI-ROOM CONTROLLERS, pg. 13

Z•880 8x8 Video Controller, see VIDEO SYSTEMS, pg. 73

DTNR Digital Dual AM/FM Tuner, see ENTERTAINMENT, pg. 58

XM-R3 Triple Satellite Audio Receiver, see ENTERTAINMENT, pg. 56

VIA!dj Digital Music Servers and VIA!dvdj DVD Controller, see ENTERTAINMENT, pgs. 53-55

automate

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ELAN®SENSE AUTOMATION SENSORS

Seven ways to add reliable power management and automation features to any system!

ELAN®SENSE automation sensors detect audio and video signals, as well as transitions in voltage, current, contact closures and light, allowing adding advanced functionality to ELAN multi-room systems. When combined with the ELAN SR1 or SS1, ELAN sensors become extremely powerful automation tools, providing "if/then" logic capabilities for power management and triggered events. Adjustable sensitivity and delay on most models make it easy to fine tune sensor activation for specific applications.

AUDIO SENSOR ORDER NO. AUDSENSOR

Detects line-level audio. Female-to-male RCA adaptor connects in-line between either the left or right line-level audio output of any source and an A/V controller or receiver. Features adjustable sensitivity and delay.

VIDEO SENSOR ORDER NO. VIDSENSOR

Detects composite video signals. Female-to-male RCA adaptor connects in-line between the composite video output of any source and an A/V controller or receiver. Features adjustable sensitivity and delay.

CURRENT/MAGNETIC FIELD SENSOR ORDER NO. CRSSENSOR

Detects AC current in power cords, as well as the AC magnetic fields generated by motors, transformers, TV's, etc. The CRSENSOR has a unique clamping device that accommodates a wide variety of different sized AC power cords. The base of the clamping device is removable when magnetic field detection is desired. Features adjustable sensitivity and delay.

DOORBELL SENSOR ORDER NO. DBSENSOR

Detects the voltage drop that occurs when a doorbell is activated. A two-terminal barrier strip is used to connect + and - doorbell connections. Ideal for SS1, SR1, S6 and S12\sense input applications.

VOLTAGE SENSOR ORDER NO. VTSENSOR

Detects AC or DC voltage from 9-24 Volts. A two-terminal barrier strip is used to connect voltage + and – conductors. Perfect for use with the SS1, SR1, D Series amplifiers and the S Series multi-room controller sense input applications.

LIGHT/LED SENSOR ORDER NO. LTSENSOR

Detects daylight, room light, LEDs and even the displays of many A/V components. Red and Green filters (included) allow for the detection of bi-color LEDs found on many components. Features adjustable sensitivity and delay.

CONTACT CLOSURE SENSOR ORDER NO. CTSENSOR

Detects dry contact relay closures. A two-terminal barrier strip is used to connect + and – conductors from relay devices. Ideal for SS1, SR1, S6 and S12 sense input applications.

SIM2

See the new SIM2 Sensor Integration Module, pg. 21.

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SIM2 SENSOR INTEGRATION MODULE

NEW!

ORDER NO. SIM2

The SIM2 is a low-cost, simple automation solution designed to work seamlessly with ELAN®SENSE sensors. The SIM2 functions as a stand-alone 4 sensor input/2 relay output module that provides dry contact closure or 12V output in response to sensor input status. Built-in relays respond to sensor triggers differently based on conditional logic and/or dip switch settings on the unit. This allows any ELAN®SENSE automation sensor, or standard motion, driveway or door/window sensor, to intelligently trigger relays on the SIM2 based on the dip switch settings. The SIM2 is ideal for home theater automation applications, or any application that requires the use of automated triggering through the use of sensors.

FEATURES

- Simple automation solution for ELAN®SENSE Automation Sensors
- 4 sensor inputs (1 pair for each relay)
- 2 relay outputs which provide contact closure or 12 volts
- Conditional and/or logic dipswitches provide intelligent relay triggering
- No software programming required
- Mounts on any flat surface (mounting screws & adhesive backing strip included)
- Includes 12VDC, 2.1A Power Supply

SPECIFICATIONS

Relays (x2)
Type: .....NO/NC closed contact relay
Max. Rated Load Switched by Relay:..0.5A @ 125VAC or 1A @ 24VDC

Sense Inputs (x4)
Connector: .....3.5 mm stereo jack
Tip: .....+5V power to sensor
Ring: .....contact closure or ELAN®SENSE open collector
Sleeve: .....gnd
Power: .....5VDC @ 90mA

Power Requirements: 12VDC, 2.1A

Connector Power Output: ...+12VDC @ 0.65A

VIA!®RPTR VIA!®NET REPEATER

ORDER NO. VIARPTR

The VIA!®NET, or the communication link between the SC4 and all the VIA! Touch Panels in a system, has a maximum total wire-run length of 2000 feet. VIA!NET Repeaters extend the overall wire run capabilities of the VIA!NET, enabling up to 30 VIA! Touch Panels to communicate reliably with the SC4 from up to 1000 feet each.

FEATURES

- Extends SC4/VIA! wire runs up to 1000 ft. each for as many as 30 VIA! Touch Panels

VHTO100 HOME THEATER HIGH-POWER OVERRIDE MODULE

ORDER NO. VHTO100

The VHTO100 is a high-power stereo speaker switching module that allows ELAN Page and Door Chime audio to be automatically routed to speakers in non-ELAN system areas such as a home theater.

A 12VDC signal, transmitted from an ELAN S, Z• or MAC24 system whenever a page or door chime is initiated, triggers a pair of relays on the VHTO100, switching the audio path from the local system amplifier to the ELAN system amplifier.

In a home theater, ELAN Page and Door Chime audio can be routed to the rear channel speakers, allowing page and door chime audio to be easily heard.

FEATURES

- Integrates ELAN Page & Door Chime audio into non-ELAN system areas
- High-power stereo inputs & 5A-rated relays for home theater applications
- Adjustable 10-step page & door chime volume settings
- Selectable 1x, 2x & 4x impedance match settings
- Mounts anywhere
- 100 WPC RMS power handling capability

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A M P L I F I E R S

ELAN now has seven amplifiers that cover all the bases. Four all-digital models. Three analog models. Two, six, twelve and sixteen channels. From 40 on up to 200 Watts per channel. Name the application, and ELAN has an exceptional-performing/great-sounding amplifier that fits the bill.

D SERIES DIGITAL POWER AMPLIFIERS

Whether it's 2, 6, 12 or 16 channels, ELAN's D Series Digital Power Amplifiers are truly in a class all by themselves – Class "T", that is. The first complete line of amplifiers to embrace Class T digital technology, each D Series amp provides the very best in performance, efficiency and sound in highly-stylized chassis that take up a lot less shelf and rack space than amplifiers with similar or even lower power ratings. And now ELAN offers four models that cover just about any multi-room audio application you can think of.

Typical amplifiers waste over half their energy as heat. ELAN D Series amplifiers use Class T digital technology that is over 85% efficient. This means almost all their power is translated into incredible sound instead of wasted heat. Class T digital technology also optimizes the switching frequency of each amplifier in order to produce the highest possible fidelity with all signal types. By removing switching artifacts and correcting variations between output transistors, D Series amps boast THD + Noise specifications unreachable by traditional Class-A/B amplifiers. This translates into smooth, high-quality audio at all times and a low-heat/high-efficiency design that can deliver clean, full-rated power from all channels simultaneously!

Each D Series Digital Power Amplifier features ELAN's patent-pending ACE™ "Automatic Clip Eliminator" technology. ACE is an ELAN-engineered, microprocessor-controlled dynamic leveling circuit that eliminates clipping without the typical audio degradation of traditional compressor-based clipping circuits. It makes all D Series amps virtually clip-proof, ensuring the cleanest power at all times.

All D Series amps also feature a blue LED display that makes for easy and accurate setup of each channel's level via the front panel buttons. The "lockout feature" ensures that finely tuned level settings cannot be inadvertently changed. Independent LEDs for each channel indicate signal presence as well as the automatic activation of the ACE circuitry.

Features Common to All D Series Digital Power Amplifiers

- Class T digital technology
- Low heat/high efficiency rating of 85%
- ACE™ Automatic Clip Eliminator
- Blue LED display
- Individual channel level setup via front panel buttons
- "Lockout" feature fixes level settings
- Buffered Loop Outputs for each channel
- Trigger In/Out
- ETL® & C-tick listed, CE approved

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D1650 16-CHANNEL DIGITAL POWER AMPLIFIER

ORDER NO. D1650

Also Available in 19 in. Rack-Mount Version with Brushed Aluminum Handles (Order No. D1651) and 240VAC Versions (Order No. D1650240/D1651240)

The D1650 was designed for large multi-room systems, and is the perfect companion amplifier for ELAN's 12-Source/8-Zone A/V Controller – the System12 (see pgs. 13-14). With 16 channels of digital Class T amplification, it can power up to eight stereo zones, 16 monaural zones, or any combination thereof. A and B stereo busses allow routing one set of inputs to other inputs without the use of additional cables. Buffered loop outputs for each channel make it easy to configure multi-room listening areas in stereo or mono. Rated at 16 x 60 WPC into 4 Ohms and 16 x 45 WPC into 8 Ohms, the D1650 delivers more than enough power for any distributed audio application.

FEATURES

- 16 Channels of digital amplification
- 60 WPC RMS into 4 Ohms, 45 WPC RMS into 8 Ohms
- A & B Bus inputs & outputs
- 8 Paired trigger inputs + "All On" trigger input & trigger loop output
- Only 3 rack spaces high
- The ideal companion amplifier to the S12 Multi-Room A/V Controller

SPECIFICATIONS

Power Output (RMS) per Channel: .....
60W @ 4 Ohms
45W @ 8 Ohms

Frequency Response: .....20Hz to 20kHz, +/- 0.3dB into 8 Ohms

Full Power Bandwidth: .....10Hz to 50kHz

Signal-To-Noise: .....>102dB (A-weighted)

Channel Separation: .....>70dB (channel to channel @ 1 kHz)

Total Harmonic Distortion: .....<.04%

Intermodulation Distortion: .....<0.1%

Input Impedance: .....49K Ohms

Trigger Inputs: .....5 to 24 Volts AC/DC

Trigger Loop Output: .....+12VDC @ 0.1A

AC Power Requirements: ....120VAC, 1200W or 240VAC, 1200W

Current Draw: .....10A @ 120VAC
5A @ 240VAC

Dimensions

D1650 (w/feet): ....(in.) 17 W x 5-1/2 H x 17 D
(mm) 432 W x 148 H x 432 D

D1651: .....(in.) 19 W x 5-1/4 H x 17 D
(mm) 483 W x 134 H x 432 D

D1650 Weight:.....55 lbs/25 kg

D1651 Weight:.....56 lbs/25.5 kg

ETL® & C-tick listed, CE approved

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D1200 12-CHANNEL DIGITAL POWER AMPLIFIER

ORDER NO. D1200

Also Available in 19 in. Rack-Mount Version with Brushed Aluminum Handles (Order No. D1201) and 240VAC Versions (Order No. D1200240/D1201240)

Twelve channels of clean, high-power, Class T digital amplification! Rated at 100 WPC into 4 Ohms and 70 WPC into 8 Ohms, the D1200 is capable of delivering an unprecedented 1200W of continuous power! The D1200 is flexibility defined. Rear panel dip switches allow configuration of any of the D1200's 12 inputs for mono, stereo, bussed mono or bussed stereo operation. Two stereo bus inputs are provided, each with buffered outputs. Six remote trigger inputs mute the six individual stereo pairs, plus there is a master loop-thru mute. The D1200 is the perfect amplifier for all high-power, multi-room applications.

FEATURES

- 12 Channels of digital amplification
- 100 WPC RMS into 4 Ohms, 70 WPC RMS into 8 Ohms
- A & B Bus Inputs & Outputs
- 6 paired trigger inputs + "All On" trigger input & trigger loop output
- Gold-plated 5-way speaker binding posts
- Only 3 rack-spaces high

SPECIFICATIONS

Power Output (RMS) per Channel: .....
100W @ 4 Ohms
70W @ 8 Ohms

Frequency Response: .....20Hz to 20kHz, +/-0.3dB into 8 Ohms

Full Power Bandwidth: ....10Hz to 50kHz

Signal to Noise: .....>110dB (A-weighted)

Channel Separation: .....>70dB @ 1kHz

Total Harmonic Distortion: .....< 0.04%

Intermodulation Distortion: .....< 0.1%

Voltage Gain (Av): .....0 to 30, adjustable

Slew Rate: .....> 20V/microseconds

Input Impedance: .....49k Ohms

Trigger Inputs: .....5-24V AC/DC

Trigger Loop Output: .....+12VDC @ 0.1A

Inputs: .....gold RCA phono jacks

Outputs: .....gold 5-way binding posts

AC Power Requirements: ...120VAC, 1500W or 240VAC/1500W

Current Draw: .....12.5A @ 120VAC
6.25A @ 240VAC

Dimensions

D1200 (w/feet): ...(in.)17 W x 5-1/2 H x 17 D
(mm) 432 W x 148 H x 432 D

D1201: .....(in.) 19 W x 5-1/4 H x 17 D
(mm) 483 W x 134 H x 432 D

D1200 Weight: .....53 lbs/24 kg

D1201 Weight: .....54 lbs/24.5 kg

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D660 6-CHANNEL DIGTIAL POWER AMPLIFIER

ORDER NO. D660

Also Available in 19 in. Rack-Mount Version (Order No. D661) and 240VAC Versions (Order No. D660240/D661240)

Standing only 1-3/4 in. high, the D660 is designed to fit in a single rack-space yet has more than enough power for any multi-room audio application. Six Class T digital channels rated at 75 Watts @ 4 Ohms or 60 Watts @ 8 Ohms produce clear, rich sound from any audio source. Six buffered-loop outputs make it easy to create additional stereo and mono listening areas, and a Bus Mode switch allows instantly linking all the channels together.

FEATURES

- 6 Channels of digital amplification
- 6 x 75 WPC RMS into 4 Ohms, 6 x 60 WPC RMS into 8 Ohms
- Only 1 rack-space high
- Bus mode switch
- Trigger input/output
- Gold-plated 5-way speaker binding posts

SPECIFICATIONS

Power Output (RMS) per Channel: .....
75W @ 4 Ohms
60W @ 8 Ohms

Frequency Response: .....20Hz to 20kHz
+/-0.3dB into 8 Ohms

Full Power Bandwidth: .....10Hz to 50kHz

Signal to Noise: .....>102dB (A-weighted)

Channel Separation: .....>70dB
(channel to channel @ 1kHz)

Total Harmonic Distortion: .....< .04%

Intermodulation Distortion: .....< 0.1%

Voltage Gain (AV): .....Continuously Variable from 0 - 24

Slew Rate: ..... >20V/microsecond

Input Impedance: .....49k Ohms

Input Sensitivity: 0.790VRMS
(45W @ 8 Ohms)

Input/Loop Outputs: .....Gold-plated RCA Phono

Speaker Outputs: .....5-way binding posts

AC Power Requirements: ....120VAC, 600W or 240VAC, 600W

Current Draw: .....5A @ 120VAC
2.5A @ 240VAC

Remote Trigger Inputs: .....5 to 24 Volts AC/DC

Trigger Loop Output: .....+12VDC @ 0.1A

Dimensions

D660 (w/feet): ...(in.) 17 W x 2-1/4 H x 15 D
(mm) 432 W x 58 H x 380 D

D661: .....(in.) 19 W x 1-3/4 H x 15 D
(mm) 483 W x 45 H x 380 D

Weight: .....22 lbs/10 kg

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D400 2-CHANNEL DIGTIAL POWER AMPLIFIER

ORDER NO. D400

Also Available in 19 in. Rack-Mount Version (Order No. D401) and 240VAC Versions (Order No. D400240/D401240)

Maximum power – minimum space! This unique D Series amplifier is not only powerful for its size (1 rack-space high), but is stable down to 2 Ohms, meaning it can be loaded down with up to six 8-Ohm speakers. Perfect for large rooms with multiple speakers or outdoor areas that need lots of umph! With Class T digital power ratings of 80 Watts per channel @ 8 Ohms, 135 Watts per channel @ 4 Ohms, and 200 Watts per channel @ 2 Ohms, the D400 provides a flexible, powerful solution for high-power 2-channel and multi-speaker applications.

FEATURES

- 2 Channels of digital amplification
- 200 WPC RMS into 2 Ohms
  135 WPC RMS into 4 Ohms
  80 WPC RMS into 8 Ohms
- Stable down to 2 Ohms
- Only 1 rack-space high
- Trigger input/output
- Gold-plated 5-way speaker binding posts

SPECIFICATIONS

Power Output (RMS) per Channel: .....
200W RMS @ 2 Ohms
135W RMS @ 4 Ohms
80W RMS @ 8 Ohms

Frequency Response: .....20Hz to 20kHz
+/-0.5dB into 8 Ohms

Full Power Bandwidth :.....10Hz to 50kHz

Signal to Noise: .....>102dB (A-weighted)

Channel Separation: .....>70dB
(channel to channel @ 1kHz)

Total Harmonic Distortion: .....< .04%

Intermodulation Distortion: .....<0.1%

Voltage Gain (AV): .....continuously variable from 0 - 27

Slew Rate: .....>20V/microsecond

Input Impedance: .....49k Ohms

Input Sensitivity: 0.90VRMS
(150W @ 4 Ohms)

Input/Loop Outputs: .....gold RCA phono

Speaker Outputs: .....5-way binding posts

Trigger Input: .....5 to 24 Volts AC/DC

Trigger Loop Output: .....+12VDC @ 0.1A

AC Power Requirements: 120VAC, 750W
or 240VAC, 750W

Current Draw: .....6.25A @ 120VAC
3.15A @ 240VAC

Dimensions

D400 (w/feet): ...(in.) 17 W x 2-1/4 H x 15 D
(mm) 432 W x 58 H x 380 D

D401: .....(in.) 19 W x 1-3/4 H x 15 D
(mm) 483 W x 45 H x 380 D

Weight: .....22 lbs/10 kg

ETL® & C-tick listed, CE approved

PSP12 & PSP6 Speaker Precision Panels

PSP12 & PSP6 Speaker Precision Panels provide perfect trim-out solutions for ELAN D Series Digital Power Amplifiers! See ACCESSORIES, pgs. 99-100

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A1240 12-CHANNEL POWER AMPLIFIER

ORDER NO. A1240

Also Available in 240VAC Version (Order No. A1240240)

The A1240 Power Amplifier is designed to provide a reliable, affordable and feature-rich solution for multi-room audio systems requiring up to twelve channels of amplification. Building on ELAN's proven analog technology developed for the S6, Z•660 and Z•300, the A1240 adds advanced features like audio sensing, stereo/mono bussing and trigger inputs/outputs to make it the premier amplifier in its price range.

Using easy-to-configure dip switches, any A1240 input can be combined or bussed to any output without the use of additional patch cables. Bus loop outputs allow for easy connection to additional amplifiers, A/V receivers, etc.

Six +12VDC trigger inputs allow each pair of channels to be activated independently. The system trigger input turns on all channels when a signal is received, while the system trigger output sends a +12VDC pulse whenever any of the channels of the amplifier are on. The A1240's audio sense circuit mutes or un-mutes channels based upon whether an audio signal is detected or not.

Each channel also features an audio loop output, making for the easy creation of stereo and mono sub-zones for routing independent channel audio to additional amplifiers or audio processors. Individual channel level adjustments allow fine-tuning each channel's level using precision potentiometers. Removable, locking speaker terminals make quick and secure speaker connections.

FEATURES

- 12 x 40 WPC @ 8 Ohms
- Stereo/mono bus
- 6 paired remote trigger inputs
- System trigger in/out
- Audio loop outputs
- Individual channel level adjustments
- Audio sense
- Removable locking speaker terminals
- 2 rack-spaces high
- 3 rack-spaces high w/optional rack mount kit (RMK3)

SPECIFICATIONS

Power Output (RMS) per Channel:.....40W @ 8 Ohms

Frequency Response: .....20Hz to 20kHz, +/-1dB into 8 Ohms

Full Power Bandwidth: .....5Hz to 55kHz, -3dB into 8 Ohms

Signal-To-Noise: .....>95dB (A-weighted)

Channel Separation: .....>70dB (channel to channel @1kHz)

THD: .....<.01% @ 1kHz, <0.06% @ 10kHz

Intermodulation Distortion: .....<0.1%

Voltage Gain (AV): .....continuously variable from 0 - 20

Slew Rate: .....>9 V/microsecond

Input Impedance: .....47k Ohms

Input Sensitivity: 0.707VRMS

Trigger Inputs: .....5 to 24VDC

Trigger Loop Output: .....+12VDC @ 0.1A

AC Power Requirements: .....120VAC, 440W or 240VAC, 440W

Current Draw: .....3.7A @ 120VAC 1.85A @ 240VAC

Dimensions (w/feet)
(in.) 17 W x 4-1/8 H x 12-3/4 D
(mm) 432 W x 105 H x 324 D

Weight: .....20 lbs/9.07 kg

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Z•660 6-CHANNEL POWER AMPLIFIER

ORDER NO. Z660

Also Available in 19 in. Rack-Mount Version (Order No. Z661) and 230VAC/240VAC Versions (Order No. Z660230/Z661230/Z660240/Z661240)

Designed specifically for the custom installer, the Z•660 Power Amplifier is the cornerstone of any high-fidelity system. The Z•660 provides six channels at 60 WPC or three channels at 120 WPC in a 1-3/4 in. single rack-space plus additional features not found on an amplifier (of any size) on the market today.

Six front panel gain pots, signal presence and clip indicators make setup a snap! A convenient Bus Mode switch allows one stereo input to be routed to three pairs of amplified outputs without the need for additional patch cables. Independent bridge mode buttons allow mixing of bridged and un-bridged channels. Buffered line level outputs can be Y-corded for mono signal applications.

The built-in IR connecting block can power up to four IR receivers and emitters – great for standalone IR control applications! The remote trigger input mutes the amplifier when the preamp is turned off.

The ultra-high-efficiency toroidal transformer and 40,000uF bulk storage capacitance ensures that peak current demands are always met.

FEATURES

- 60 WPC RMS into 8 Ohms
  120 WPC RMS into 8 Ohms, bridged
- Front panel gain pots, signal presence, clip & IR pass-through LED indicators
- Bus Mode switch
- Buffered line level outputs
- IR pass-through connecting block
- Remote trigger IN/OUT
- Only 1 rack-space high

SPECIFICATIONS

Frequency Response: .....20Hz to 20kHz -.25dB

Full Power Bandwidth: ....10Hz to 30kHz

Signal to Noise: .....>110dB (A-weighted)

Channel Separation: .....>70dB @ 1kHz

THD: .....< 0.03%

Intermodulation Distortion: .....< -90dB

Voltage Gain (AV): .....0 to 28, adjustable

Input Impedance: .....20k Ohms

Remote Trigger Input: .....5-24V AC/DC

Trigger Loop Output: .....+12VDC @ 0.1A

AC Power Requirements: 120VAC, 440W
or 230VAC, 440W
or 240VAC, 440W

Current Draw .....3.7A @ 120VAC
2.0A @ 230VAC
1.85A @ 240VAC

Dimensions

Z•660: .....(in.) 17 W x 2-1/4 H x 11 D
(mm) 432 W x 58 H x 280 D

Z•661: .....(in.) 19 W x 1-3/4 H x 11 D
(mm) 483 W x 45 H x 280 D

Weight: .....16 lbs/7.2 kg

ETL® listed & CE approved

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Z•300 2-CHANNEL POWER AMPLIFIER

ORDER NO. Z300

**Also Available in 19 in. Rack-Mount Version (Order No. Z301)
and 230VAC/240VAC Versions (Order No. Z300230/Z301230/Z300240/Z301240)**

Whether specifying the Z•300 in a home theater application or in a distributed audio system, this single rack-height amp provides enough power to handle the most inefficient freestanding speakers or a whole house full of in-walls.

The Z•300 amplifier will deliver 300 watts of power into 2-Ohm loads. This high-current, low-impedance design eliminates the need for speaker selector boxes or load protection devices when driving up to three pair of 8-Ohm speakers. The ultra-high-efficiency toroidal transformer and 40,000uF bulk storage capacitance ensures that peak current demands are always met. This translates into exceptionally tight bass response and improved dynamic headroom.

Buffered loop outputs allow routing of the stereo inputs to an additional power amplifier or surround sound processor without signal loss or degradation.

Three pairs of gold-plated, five-way speaker binding posts make it easy to connect multiple speakers. The remote trigger input mutes the amplifier when the preamp is turned off. Gain pots for each channel are accessible via the front panel.

FEATURES

- 150 WPC RMS into 2 Ohms
  100 WPC RMS into 4 Ohms
  60 WPC RMS into 8 Ohms
- Buffered line level outputs
- Remote trigger IN/OUT
- Only 1 rack-space high

SPECIFICATIONS

Frequency Response: ...20Hz to 20kHz -.5dB

Full Power Bandwidth: .....5Hz to 30kHz

Signal to Noise: .....>110dB (A-weighted)

Channel Separation: .....>70dB @ 1kHz

THD: .....< 0.03%

Intermodulation Distortion: .....< -90dB

Voltage Gain (Av): .....0 to 28,
front panel adjustable

Input Impedance: .....33k Ohms

Remote Trigger Input: .....5-24V AC/DC

Trigger Loop Output: ....+12VDC @ 0.1A

Input Sensitivity: .....0dBu (.707 VRMS)

AC Power Requirements: 120VAC, 440W
or 230VAC, 440W
or 240VAC, 440W

Current Draw: .....3.7A @ 120VAC
2.0A @ 230VAC
1.85A @ 240VAC

Dimensions

Z•300: .....(in.) 17 W x 2-1/4 H x 11 D
(mm) 432 W x 58 H x 280 D

Z•301:.....(in.) 19 W x 1-3/4 H x 11 D
(mm) 483 W x 45 H x 280 D

Weight: .....16 lbs/7.2 kg

ETL® listed & CE approved

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Z•FAN2 SYSTEM COOLING MODULE

ORDER NO. ZFAN2

Also Available in 19 in. Rack-Mount Version (Order No. ZFAN2R) and 230VAC Versions (Order No. ZFAN230/ZFANR230)

The Z•FAN2 was developed to address the growing need for cabinet and rack system cooling, and it does so in a quiet, low-profile, unobtrusive fashion.

This single-rack fan design will draw up to 150 cubic feet of air per minute. Dual 12VDC brushless motors maintain whisper quiet operation without noise feeding back into the 120V circuits.

Temperature-sensitive speed control provides just the right amount of cooling at just the right times, thus minimizing background fan noise! The remote trigger input turns the fan on and off when needed. The trigger loop output can be daisy chained to additional triggerable devices or Z•FANs, and the two-minute turn off delay circuit prevents heat build up in the rack once the equipment has been turned off.

FEATURES

- Temperature-sensing dual 12VDC brushless fan design
- Front panel power & "Fan On" LEDs
- 2 minute turn-off delay

SPECIFICATIONS

Flow Rate: .....variable, up to 150 cu. ft. per minute

Remote Trigger Input: .....5-24V AC/DC +12VDC @ 0.1A

Trigger Loop Output: .....+12VDC @ 0.1A

Power Requirements: .....120VAC, 12W or 230VAC, 12W

Dimensions

Z•FAN2: .....(in.) 17 W x 2-1/4 H x 10 D
(mm) 432 W x 58 H x 254 D

Z•FAN2R: .....(in.) 19 W x 1-3/4 H x 10 D
(mm) 483 W x 45 H x 254 D

Weight: .....9 lbs/4 kg

ETL® listed

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Z•POWER POWER CONTROLLER

ORDER NO. ZPOWER

Also Available in 19 in. Rack Mount Version (Order No. ZPOWERR)

The Z•POWER Controller is a critical hub for both home theater and distributed A/V systems, addressing such needs as surge protection, sequenced AC switching and multiple triggering options.

The Z•POWER Controller has eight earth-grounded outlets. Two current sensing outlets are always on. Four outlets turn on immediately with a trigger input. Two more turn on with a programmable delay.

No other power manager has as many trigger options. The six switched outlets can be triggered by the AC current sense of the two "Always On" outlets, by a remote trigger input, from the ELAN®SENSE sensor input, or by the front panel switch. Any combination of triggers can be selected so that multiple sources initiate the turn-on sequence.

The 12VDC triggered output and a relay contact closure make it easy to close drapes or lower screens. The relay output is programmable, allowing home theater triggered events to close drapes, but system-triggered events to turn on sources without closing the drapes!

High-quality transient voltage protection is also included, with inductive AC line filtering, MOV Surge Protection, 15A Circuit Breaker, a 2-line telephone surge suppressor and 1GHz coax surge suppressor loop-through.

Front Panel LEDs indicate status and fault monitoring of the AC line.

FEATURES

AC Outlets
- 2 "Always On" w/Current Sense
- 4 "Switched" when triggered
- 2 "Delayed" w/4 time settings
- Switching capacity: 1500W total

Trigger Options
- 3–24V AC/DC
- 120VAC Current Sense
- ELAN®SENSE Input
- Combination Sense

Control Outputs
- +12VDC @ 100mA remote trigger output jack
- Configurable dry relay contact

AC Power Conditioning & Protection
- 800 Joule, MOV surge protection
- 270V clamping level
- 15dB line noise rejection
- 15A circuit breaker

Low Voltage Signal Surge Protection
- 1GHz coax surge suppressor
- 2 telephone line surge suppressors w/resetable fuses

Front Panel Features
- Master On/Off switch
- Trigger option & delay dip switches
- LEDs: power, triggered, delay, ground OK & phase OK

SPECIFICATIONS

Power Requirements: 120VAC, 12W

Dimensions

Z•POWER: .....(in.) 17 W x 2-1/4 H x 10 D
(mm) 432 W x 58 H x 254 D

Z•POWERR: .....(in.) 19 W x 1-3/4 H x 10 D
(mm) 483 W x 45 H x 254 D

Z•POWER/R Weight: .....10 lbs/4.5 kg

ETL® listed

Z•Power Controller Extended Warranty Program

In addition to our standard 2-year warranty against manufacturer's defects, ELAN Home Systems will warranty the ELAN products listed below against surge-related damage for a period of 5 years. The conditions of this extended warranty are detailed in the Z•Power Controller Operation Manual, and must be met in full for this warranty to apply. The Z•POWER CONTROLLER Extended Warranty Program covers the following ELAN products with order numbers:

S6	**A1240**	**D660/D601**	**Z630/Z631**	**Z880/Z881**
S12/S12R	**D400/D401**	**Z300/Z301**	**Z660/Z661**	**ZFAN2/Z2R**

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From the home theater to the patio, and every room in between, it's time to hear what ELAN is all about!

TheaterPoint—an entire family of timber-matched, high-end home theater speakers.
M Series—the comprehensive, award-winning line of architectural speakers.
O Series—outdoor speakers with indoor sound quality and all-weather construction.

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THEATERPOINT BY ELAN HITTING YOUR SWEET SPOT

T H E A T E R P O I N T

One Goal

Since its inception over 16 years ago, ELAN has had one goal – to provide the finest, most comprehensive and affordable line of home entertainment products on the market. ELAN has introduced everything from one of the most extensive lines of Structured Wiring products available, to a new benchmark in high-performance digital amplifiers. Our award-winning multi-room A/V controllers and user interfaces continue to reflect this goal, providing unmatched reliability and features for the price. When introduced in 2002, our acclaimed M Series line of architectural speakers set a new standard for sonic quality at price points unmatched by the rest of the industry. For 2006, ELAN continues its obsession with innovative design and quality to roll out one its crowning achievements – TheaterPoint Home Theater Speakers.

One Voice

Never before has a complete line of cabinet loudspeakers and architectural in-wall/in-ceiling speakers been so precisely timbre-matched that any combination of them can be used together to create the ideal home theater listening environment. Now you can match free-standing left/right cabinet loudspeakers with a center channel in-wall that is voiced exactly the same. Match L/C/R cabinet speakers with in-wall rear channel speakers. Or Match L/C/R in-walls with rear channel in-ceiling speakers. TheaterPoint voice-matched speakers are designed to accommodate just about any Home Theater speaker configuration imaginable. Timbre-matching opens up a world of possibilities. Delivering speakers that not only sound alike, but sound incredible.

Radically Innovative Design

Designed from the ground up by some of the finest acoustical engineers in the business, every component of every speaker was carefully chosen for quality and performance. Each driver in every speaker, including the tweeters, is made from woven Kevlar fibers. Only cast-aluminum baskets were used to house the woofers. Custom "Q" crossover networks and gold-plated binding posts are found in every model. Since no two home theaters are created equal, each speaker has a 3-way room compensation switch that allows customizing the sound for bright, neutral or warm rooms. A -20dB Bass-Limiting Switch on all L/C/R models eliminates low-frequency conflict with subwoofers while boosting power to the satellite speakers. The 0 degree/ 180 degree phase switch on the two dipole models ensures uniformity of the sound field in relation to the front speakers.

Always Hitting Your Sweet Spot

Each TheaterPoint Speaker was designed to allow the sound to be focused into the primary listening area, or the "Sweet Spot", in a home theater. All L/C/R models feature pivoting tweeters that enable the very-directional high frequencies to be pointed into the "Sweet Spot". At the center of each pivoting tweeter is a circular notch for the placement of the ELAN Laser Pointer. This focused beam of light allows the tweeter to be directed precisely into the "Sweet Spot" of every home theater and is included with every pivoting tweeter model. The THP800C In-Ceiling Speaker, with its 360 degrees rotating baffle, and the THP525W, with its 15 degree angled baffle, allows the pin-pointing the sound even further.

Features Common to All TheaterPoint Speakers

- Timbre-matched family sound —use any combination of speakers
- Woven Kevlar woofers, midrange & tweeters
- Cast aluminum baskets
- Pivoting tweeters (excluding Dipoles)
- -20dB bass limiting switch (excluding Dipoles)
- Bright/neutral/warm room compensation switch
- 0°/180° Phase Switch for flawless dipole setup
- Innovative, patent-pending designs
- Custom "Q" crossovers
- Gold-plated binding posts

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THP800C STEERABLE 8" IN-CEILING 3-WAY SPEAKER

ORDER NO. THP800C

The THP800C In-Ceiling Home Theater Speaker sets a new standard for sound quality and design. With its deep bass, smooth mids and accurate highs, the THP800C excels at any job that's needed–front left/right or center, rear channel surround, or in any stereo application where the best in high-fidelity in-ceiling speakers are desired.

ELAN's unique, patent-pending design allows the THP800C's sound field to be steered directly into the optimal listening area. Since bass frequencies are omni-directional, the 8 in. woven Kevlar woofer is aimed directly downward for maximum dispersion. Mids and highs, however, are considerably more directional. The midrange driver and tweeter are mounted in a fixed-plane, vibration-free, rotating assembly that allows the user to steer them into the listening area, providing for better separation and mix of all frequencies.

The rotating assembly's 30° angle from the woofer's audio axis ensures that the midrange driver's lower frequencies are isolated from the upper frequencies of the woofer's spectrum, making for smooth and articulate vocal reproduction. Additionally, the tweeter is fully pivoting, allowing for even more pin-point accuracy of upper frequencies.

The 360 degree rotating assembly's locking mechanism requires only one screw be tightened to prevent any future movement of the adjusted drivers.

Bottom line – the THP80C is the finest sounding in-ceiling speaker ever heard – for any application.

FEATURES

- Unmatched sound for any application
- Downward thrusting 8 in. woven Kevlar woofer for maximum bass dispersion
- Woven Kevlar midrange & pivoting tweeter
- 360° vibration-free rotating baffle for pin-point focus of mids & highs
- Easy, 1-screw adjustment
- 3-position (bright, neutral, warm) room compensation switch
- -20dB bass limiting switch for use w/Subwoofers
- Removable baffle
- Paintable narrow frame & low-profile grille (paint shield incl.)
- ELAN Laser Pointer (incl.)

Note: installation of the THP800C requires a minimum ceiling joist height of 7-1/6 in.

SPECIFICATIONS

System Type:.....3-way 8 in. focused sound field

Crossover: .....2nd order custom "Q" @ 300Hz & 4kHz

Switches: .....EQ switch (bright, neutral, warm), bass limiting

Woofer: .....8 in. woven Kevlar fiber cone, rubber surround, cast frame

Tweeter: .....pivoting 3/4 in. woven Kevlar dome, fluid cooling, rear wave damping, neo magnet

Midrange: .....2.5 in. woven Kevlar fiber cone, rubber surround, neo magnet

Frequency Response: .....35Hz - 22kHz

Sensitivity: 89dB

Impedance: .....6 Ohms

Rated Power: 100W

Dimensions

Frame: .....(in.) 12-1/8 (dia.) 308 (mm)

Cutout: .....(in.) 11-1/4 (dia.) 286 (mm)

Mounting Depth: .....(in.) 7 (mm) 154

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THP650W DUAL 6.5" IN-WALL HOME THEATER SPEAKER

NEW!

ORDER NO. THP650W

Never again will performance be sacrificed at the expense of architectural design.

Introducing the TheaterPoint THP650W In-Wall Home Theater Speaker from ELAN. With its slim footprint, narrow frame and low profile grille, the THP650W disappears seamlessly into the walls of any home theater; yet it's their sound that distinguishes these speakers from all others.

Meticulous detail was taken in the voicing of the THP650W, with the goal of reproducing the sonic qualities of a high-end cabinet speaker. The result is an in-wall speaker for the home theater that will knock the socks off of anyone. The finely-tuned array of dual 6.5 in. woven Kevlar woofers and a 1 in. woven Kevlar pivoting tweeter produce a sonic excellence across the frequency spectrum that is unmatched by any in-wall speaker to date.

FEATURES

- Premium front stage (L, C, R) or surround in-wall loudspeakers
- Dual 6.5 in. woven Kevlar woofers, shielded
- 1 in. woven Kevlar pivoting dome tweeter
- 3 position (bright, neutral, warm) room compensation switch
- -20dB bass limiting switch for use w/subwoofers
- Slim footprint, narrow frame, low profile grille
- Paintable frame & grille (paint shield incl.)
- ELAN Laser Pointer (incl.)

Note: The THP650W cannot be installed horizontally in a standard 16 in. off-center stud bay. Consideration during construction, or modifications to the stud bay, would need to be addressed prior to installation.

SPECIFICATIONS

System Type: .....2-way dual woofer, MTM design

Crossover: .....3rd order custom "Q" & slope @ 2.2kHz

Switches: .....EQ switch (bright, neutral, warm), bass limiting

Woofer: ....2 x 6.5 in. woven Kevlar fiber cone aluminum phase plug, cast frame

Tweeter: .....pivoting 1 in. woven Kevlar dome, fluid cooling, rear wave damping, neo magnet

Frequency Response: .....40Hz - 20 kHz

Sensitivity: 90dB

Impedance: .....6 Ohms

Rated Power: 110W

Dimensions

Frame: .....(in.) 9-7/8 (W) x 16-3/8 (H)
(mm) 251 (W) x 516 (H)

Cutout: .....(in.) 8-5/8 (W) x 15-3/16 (H)
(mm) 219 (W) x 386 (H)

Mounting Depth: ..... 4 in. (102 mm)

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THP525W DUAL 5.25" IN-WALL HOME THEATER SPEAKER

ORDER NO. THP525W

The goal here was two-fold – develop a high-end, in-wall home theater speaker with the sonic characteristics of a quality cabinet speaker and make it as flexible as possible. The results were everything we expected them to be.

Introducing the THP525W, where architectural design, versatility of placement and uncompromising sound unite to make an in-wall speaker for the ages! The THP525W's carefully-voiced dual 5.25 in. woven Kevlar woofers and 1 in. woven Kevlar pivoting dome tweeter are mounted on a baffle with a tilt of 15 degrees. When used as a left or right stage speaker, this ensures that the sound is pointed into the listening area for optimal stereo imaging. The pivoting tweeter allows fine tuning of the direction even further. But that's just the half of it.

As a horizontally-installed center channel speaker, the THP525W's angled baffle allows its placement above or below the television screen, ensuring that all center channel audio is pointed in the right direction – toward the listener.

FEATURES

- High-end front stage (L, C, R) or surround in-wall loudspeakers
- 15° angled baffle for left, right, center channel above & below TV placement
- Dual 5.25 in. woven Kevlar woofers, shielded
- 1 in. woven Kevlar pivoting dome tweeter
- 3-position (bright, neutral, warm) room compensation switch
- -20dB bass limiting switch for use w/subwoofers
- Slim footprint, narrow frame, low profile grille
- Paintable frame & grille (paint shield incl.)
- ELAN Laser Pointer (incl.)

SPECIFICATIONS

System Type: .....2-way dual woofer, MTM design

Crossover: .....3rd order custom "Q"& slope @ 2.4kHz

Switches: .....EQ switch (bright, neutral, warm), bass limiting

Woofer: .....2 x 5-1/4 in. woven Kevlar fiber cone, aluminum phase plug, neo magnet, cast frame

Tweeter: .....pivoting 1 in. woven Kevlar dome, fluid cooling, rear wave damping, neo magnet

Frequency Response:.....55Hz - 20kHz

Sensitivity: 88dB

Impedance: .....6 Ohms

Rated Power: 90W

Dimensions

Frame: .....(in.) 8-3/8 (W) x 15-7/16 (H)
(mm) 213 (W) x 392 (H)

Cutout: .....(in.) 7-1/4 (W) x 14-3/8 (H)
(mm) 184 (W) x 365 (H)

Mounting Depth: ..... 4 in. (102 mm)

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THP650D 6.5" IN-WALL DIPOLE SURROUND SOUND SPEAKER

NEW!

ORDER NO. THP650D

The TheaterPoint THP650D is quite simply one of the finest in-wall dipole surround sound speakers available today.

Its unique, patent-pending design utilizes the omni-directional qualities of low frequency sound to minimize its in-wall footprint yet maximize audio quality. A 6.5 in. woven Kevlar woofer is aimed directly outward for maximum bass dispersion. Opposing midrange and tweeter banks are aimed away from the listener at angles of 30 degrees off the woofer's acoustic axis, splitting and focusing the sound field away from the listener to create the diffuse ambient sound required by some theater technologies.

Unlike conventional dipoles, which utilize dual woofers mounted on the same acoustical planes as the midrange driver and tweeter, the THP650D's single forward-firing 6.5 in. woofer not only allows a much smaller size, but practically eliminates the chance for low frequency interference between the lower midrange and upper bass frequencies.

The results are a combination of clean, tight bass and smooth, perfectly-focused mids and highs that are ideal for surround sound signal reproduction.

FEATURES

- Patent-pending design reduces size/ increases performance
- Forward-firing 6.5 in. woven Kevlar woofer for maximum low frequency dispersion
- Opposing midrange/tweeter banks for optimal focusing of surround sound signals
- 0°/180° phase switch
- 3-position (bright, neutral, warm) room compensation switch
- Removable baffle
- Paintable narrow frame & low-profile grille (paint shield incl.)

SPECIFICATIONS

System Type: .....3-way dipole
Crossover: .....2nd order custom "Q" @ 300Hz & 6kHz

Switches: .....EQ switch (bright, neutral, warm), phase

Woofer: .....6-1/2 in. woven Kevlar fiber cone, rubber surround, cast frame

Tweeter: .....2 x .75 in. woven Kevlar dome, fluid cooling, rear wave damping, neo magnet

Midrange: .....2 x 2.5 in. woven Kevlar fiber cone, rubber surround, neo magnet

Frequency Response:.....50Hz - 22kHz

Sensitivity: 87dB

Impedance: .....6 Ohms

Rated Power: 75W

Dimensions

Frame: .....(in.) 8-3/8 (W) x 15-7/16 (H)
(mm) 213 (W) x 392 (H)

Cutout: .....(in.) 7-1/4 (W) x 14-3/8 (H)
(mm) 184 (W) x 365 (H)

Mounting Depth: ..... 4 in. (102 mm)

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THP650LS DUAL 6.5" FRONT STAGE CABINET LOUDSPEAKER

ORDER NO. THP650LS

Voiced to perfection for front stage sound reproduction, the THP650LS is ELAN's premier left, center, right cabinet loudspeaker. Beneath the premium piano black finish reside two 6.5 in. woven Kevlar woofers capable of reproducing remarkably articulate bass, and a 1 in. woven Kevlar dome tweeter for smooth and incredibly accurate highs. Each tweeter is mounted on a pivoting axis point which allows the direction of the highs into the prime listening area and creates superb front stage imaging and a fully balanced sound field. A 3-way room compensation switch allows the ability to custom contour the sound for bright, neutral or warm sounding rooms, and a -20dB Bass limiting switch eliminates unwanted replication of low frequencies when the THP650LS is used with a

FEATURES

- Premium front stage (L, C, R) cabinet loudspeakers
- Dual 6-1/2 in. woven Kevlar woofers, shielded
- 1 in. woven Kevlar pivoting dome tweeter
- High-gloss piano black finish
- 3-position (bright, neutral, warm) room compensation switch
- -20dB bass limiting switch for use w/subwoofers
- Gold-plated 5-way speaker binding posts
- OmniMount™-compatible mounting holes
- ELAN Laser Pointer (incl.)

SPECIFICATIONS

System Type: .....2-way dual woofer, MTM design

Crossover: ...3rd order custom "Q" & slope @ 2.4kHz

Switches: .....EQ switch (bright, neutral, warm), bass limiting

Woofer: .....2 x 6-1/2 in. woven Kevlar fiber cone, aluminum phase plug, large voice coil,dual magnet, cast frame

Tweeter: .....pivoting 1 in. woven Kevlar dome, fluid cooling, rear wave damping, neo magnet

Frequency Response: .....50Hz - 20kHz

Sensitivity: 90dB

Impedance: .....6 Ohms

Rated Power: 110W

Dimensions

(in.) 7-3/4 (W) x 19-1/2 (H) x 12-1/2 (D)
(mm) 197 (W) x 495 (H) x 318 (D)

THP525LS DUAL 5.25" FRONT STAGE CABINET LOUDSPEAKER

ORDER NO. THP525LS

The THP525LS offers the same precision voicing and high-end features of the THP650LS, only in a smaller package. Dual 5.25 in. woven Kevlar woofers provide the punch; a pivoting 1 in. woven Kevlar dome tweeter sweetens the amazingly accurate highs; and the smaller cabinet offers flexibility in placement.

FEATURES

- Premium front stage (L, C, R) cabinet loudspeakers
- Dual 5.25 in. woven Kevlar woofers, shielded
- 1 in. woven Kevlar pivoting dome tweeter
- High-gloss piano black finish
- 3-position (bright, neutral, warm) room compensation switch
- -20dB bass limiting switch for use w/subwoofers
- Gold-plated 5-way speaker binding posts
- OmniMount™-compatible mounting holes
- ELAN Laser Pointer (incl.)

SPECIFICATIONS

System Type: .....2-way dual woofer, MTM design

Crossover: .....3rd order custom "Q" & slope @ 2.4kHz

Switches: .....EQ switch (bright, neutral, warm), bass limiting

Woofer: .....2 x 5-1/4 in. woven Kevlar fiber cone, aluminum phase plug, large voice coil, dual magnet, cast frame

Tweeter: .....pivoting 1 in. woven Kevlar dome, fluid cooling, rear wave damping, neo magnet

Frequency Response: .....58Hz - 20kHz

Sensitivity: 88dB

Impedance: .....6 Ohms

Rated Power: 80W

Dimensions

(in.) 6-7/8 (W) x 19-1/2 (H) x 8-1/2 (D)
(mm) 174 (W) x 495 (H) x 216 (D)

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THP650SS 6.5" ON-WALL DIPOLE SURROUND SOUND CABINET LOUDSPEAKER

NEW!

ORDER NO. THP650SS

Voiced and styled to match the sonic qualities and elegant design of its front stage brethren, the THP650SS On-Wall Surround Sound Dipole combines innovation and esthetics to create one of the finest on-wall surround sound speakers available today.

Providing better sound while decreasing the space it takes up on the wall was a prime directive. This was accomplished by using one forward-firing 6.5 in. woven Kevlar woofer instead of the traditional array of two smaller woofers pointing in opposite directions. Not only does a forward-firing woofer maximize bass dispersion, it allows for a significantly reduced cabinet size and practically eliminates the chance for low frequency interference between the lower midrange and upper bass frequencies when these drivers are mounted on the same plane, as in most other dipoles. Our opposing midrange and tweeter arrays are aimed away from listener at angles of 30 degrees off the woofer's acoustic axis. This design not only isolates these frequencies from the woofer, but creates the diffuse ambient sound field required for surround sound technologies. The end result is perfect surround sound reproduction and a classic speaker that looks great on any wall.

FEATURES

- Innovative design reduces size/ increases performance
- Forward-firing 6-1/2 in. Kevlar woofer for maximum low frequency dispersion
- Opposing midrange/tweeter banks for optimal focusing of surround sound signals
- 0°/180° phase switch
- 3-Position (bright, neutral, warm) Room Compensation Switch
- High-gloss piano black finish
- Gold-plated 5-way speaker binding posts
- Horizontal & vertical "keyholes" for anchored or on-stud mounting

SPECIFICATIONS

System Type: ...3-way, closed box, dipole
Crossover: .....2nd order custom "Q" @ 300Hz & 6 kHz
Switches: .....EQ switch (bright, neutral, warm) phase
Woofer: .....6-1/2 in. woven Kevlar fiber cone, rubber surround, cast frame
Tweeter: .....2 x 3/4 in. woven Kevlar dome, fluid cooling, rear wave damping, neo magnet
Midrange: .....2 x 2-1/2 in. woven Kevlar fiber cone, rubber surround, neo magnet
Frequency Response: .....80Hz - 22 kHz
Sensitivity: 87dB
Impedance: 87dB
Rated Power: 75W
Finish: .....piano black, high gloss

Dimensions
(in.) 12 (W) x 11 (H) x 7 (D)
(mm) 304 (W) x 279 (H) x 178 (D)

THP1200SW 12" ACTIVE SUBWOOFER

NEW!

ORDER NO. THP1200SW

Meet the THP1200SW by ELAN – a 12 in. active subwoofer that delivers the full impact of today's digital entertainment to your home theater. Digital technology has brought out new and exciting sounds that can only be reproduced in their entirety by a precision-engineered subwoofer.

The super-quick, long-throw 12 in. driver, with its composite 3-layer Kevlar/aluminum honeycomb cone, large 2.5 in. fiberglass voice coil and double-magnet design is more than capable of moving the large volumes of air necessary for accurate bass response from both movies and music. An audiophile-quality 300W Class-D digital amplifier ensures that the driver's characteristics are taken full advantage of. The end result is the reproduction of powerful, room-rumbling special effects in movies or the tight, thumping bass in certain music.

FEATURES

- 12 in. 3-layer honeycomb composite woofer in cast aluminum basket
- 300 Watt Class D amplifier
- "Auto-on" signal sensing
- 24dB/octave continuously variable low-pass crossover
- Low-level line outputs hi-pass filtered at 80Hz,12dB/octave
- Hi-level speaker outputs
- 180° variable phase control
- Tuned, complimentary 30Hz high-pass filter
- Dedicated LFE (low frequency effect) input
- High-gloss piano black
- Gold-plated 5-way speaker binding posts

SPECIFICATIONS

Woofer:
12 in. cast frame, 3 layer honeycomb composite cone (Kevlar fiber skin/aluminum honeycomb/Kevlar fiber skin), large half-roll rubber surround, copper cap on magnetic pole (distortion reduction), large 2-1/2 in. fiberglass voice coil, vented spider & magnetic pole, large double-magnet design

Frequency Response: .....22Hz -150Hz
Built-in Amp:.....300 W
Crossover: .....50Hz -150Hz, 24dB per octave

Dimensions
(in.) 15-3/4 (W) x 15-3/4 (H) x 17(D)
(mm) 400 (W) x 400 (H) x 432 (D)

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M Series Architectural Speakers

The ELAN M Series™ is a multi-tiered speaker offering that achieves a new level of design flexibility and acoustical performance.

COMMON FEATURES OF ALL M SERIES SPEAKERS

- Rear-mounted drivers provide great aesthetics & ensure that speaker baskets & screws are protected from moisture
- Inverted dust caps & inverted rubber surrounds
- Thicker & longer voice coil wires for better power handling capabilities & greater woofer excursion
- Weather-resistant construction suitable for installation in bathrooms, patios, cabana areas & other indoor/outdoor applications
- Narrower frames & low-profile grilles for a sleek on-wall/in-ceiling look
- Better sound quality at each price point than any other line of speakers on the market today
- ELAN M Series Speakers are sold in pairs, except our specialty speakers: MP800S, MP800D, MM650D & ME525D, which are sold in singles.

MP: Unrivaled Accomplishment in Loudspeaker Design

The audiophile's choice for any distributed audio, critical listening, or home theater application.

- Woven glass fiber woofers with butyl rubber surround
- Aluminum/Magnesium composite dome pivoting tweeters
- 1-1/2 in. Aluminum/Magnesium dome midrange driver (on 3-way model)
- Excellent off-axis frequency response & superb imaging
- Linkwitz-Riley Crossover Networks were designed to optimize the performance of each individual woofer & tweeter. 100V, 1% DF polypropylene tweeter caps are the highest performance capacitors used in speaker design
- Woofers w/lower crossover points enable wider dispersion & enhance woofer/tweeter integration
- Premium gold-plated binding posts accept up to 12AWG wire
- 2-piece frame design w/removable baffle
- Extra-long mounting clamps to accommodate wall/ceiling thickness from 1/4 in. to 1-1/2 in.
- 3-position bass & treble switches (-3, 0, +3dB)

ME: A Step Up in Performance with Emphasis on Value

The ME line offers the cost-conscious, yet critical listener, an affordable speaker designed to perform admirably in any distributed audio application.

- Mineral-filled polypropylene woofers
- Custom silk dome pivoting tweeters
- 6dB per octave crossovers with high-quality, non-polarized 100V electrolytic capacitors for consistent crossover performance from unit to unit & a refined character of high frequencies
- Enhanced woofer/tweeter integration
- 2-piece frame design w/removable baffles
- Extra-long mounting clamps to accommodate wall/ceiling thickness from 1/4 in. to 1-1/2 in.

MM: The Professional's Choice for Distributed Audio and Entry Level Home Theater

Offering performance, materials & design attributes far superior to other comparable speakers.

- Injection-molded mica-filled woofers
- Custom silk dome pivoting tweeters
- 1-1/2 in. silk midrange (on 3-way model) has a low resonant frequency for more accurate upper-mid reproduction
- Excellent off-axis frequency response & stereo imaging
- "Custom Q" crossover networks designed to enhance the performance of each individual design.
- 100V, 3% DF mylar film tweeter capacitors provide outstanding transient response & superb clarity due to extremely low DF (dissipation factor)
- Enhanced woofer/tweeter integration
- 2-piece frame design w/removable baffles
- Extra-long mounting clamps to accommodate wall/ceiling thickness from 1/4 in. to 1-1/2 in.
- 3-position treble EQ switch (-3, 0, +3dB)

MC: The Contractor's Choice

Specifically designed to offer M Series performance at the lowest possible price.

- 6-1/2 in. polypropylene woofers
- 14 mm PEI tweeters
- 6dB per octave crossovers
- 5-50W power handling

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MP SERIES

LEVEL 4: PREMIUM IN-WALL SPEAKERS

MP800W 8" IN-WALL 3-WAY SPEAKERS

ORDER NO. MP800W

The flagship in-wall speaker in the M Series line offers pinpoint imaging, precise phase and time-coherent mid/high-frequency reproduction, as well as warm, articulate bass fully capable of pleasing the most critical audiophile.

Woofer: .....8 in. woven glass fiber
Tweeter: .....19 mm aluminum/ magnesium, pivoting
Midrange: 1-1/2 in. aluminum/magnesium
Crossover: .....Linkwitz-Riley
Switches: .....bass/treble
Sensitivity: 91dB
Frequency Response: .....33Hz - 20kHz
Impedance: .....8 Ohms
Rated Power: .....5 - 100W

Dimensions
Outside: .....(in.) 9-7/8 x 16-1/2
(mm) 251 x 419
Cutout: .....(in.) 8-5/8 x 15-3/16
(mm) 219 x 386
Depth: .....4 in. (102 mm)

MP800S 8" IN-WALL SUBWOOFER

ORDER NO. MP800S

Highly recommended for installations where a conventional "box" subwoofer is not practical or desirable. Ideal for supplementing the low frequency output of MM525W/C and MM650W/C, as well as MP525W and MP650W/C models.

Woofer: .....8 in. woven glass fiber
Crossover: .....high pass to satellite
Switches: ....80/100/120Hz LPF selectable
Sensitivity: 93dB
Frequency Response: .....20Hz - 200Hz
Impedance: .....8 Ohms
Rated Power: .....5 - 150W

Dimensions
Outside: .....(in.) 9-7/8 x 16-1/2
(mm) 251 x 419
Cutout: .....(in.) 8-5/8 x 15-3/16
(mm) 219 x 386
Depth: .....4 in. (102 mm)

MP650W 6.5" IN-WALL 2-WAY SPEAKERS

ORDER NO. MP650W

Designed to satisfy the most seasoned audiophile, the MP650W offers exceptional low-frequency extension, punchy midbass, superbly refined midrange, and highs capable of reproducing the most subtle nuances in recorded music.

Woofer: .....6-1/2 in. woven glass fiber
Tweeter: .....19 mm aluminum/ magnesium, pivoting
Crossover: .....Linkwitz-Riley
Switches: .....bass/treble
Sensitivity: 90dB
Frequency Response: .....38Hz - 20kHz
Impedance: .....8 Ohms
Rated Power: .....5 - 85W

Dimensions
Outside: .....(in.) 8-1/8 x 13-1/2
(mm) 210 x 343
Cutout: .....(in.) 7-1/8 x 12-1/4
(mm) 181 x 311
Depth: .....3-3/16 in. (96 mm)

MP525W 5.25" IN-WALL 2-WAY SPEAKERS

ORDER NO. MP525W

Excellent punch and outstanding midbass articulation combined with very impressive upper mids, treble, and stereo imaging. A perfect match for the MP800S Passive Subwoofer. Highly recommended for any listening application.

Woofer: .....5-1/4 in. woven glass fiber
Tweeter: .....19 mm aluminum/ magnesium, pivoting
Crossover: .....Linkwitz-Riley
Switches: .....bass/treble
Sensitivity: 89dB
Frequency Response: .....43Hz - 20kHz
Impedance: .....8 Ohms
Rated Power: .....5 - 60W

Dimensions
Outside: .....(in.) 7-3/8 x 11-9/16
(mm) 187 x 294
Cutout: .....(in.) 6-1/8 x 10-1/4
(mm) 156 x 260
Depth: .....3-3/4 in. (94 mm)

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MM SERIES

LEVEL 3: MAINLINE IN-WALL SPEAKERS

MM800W 8" IN-WALL 3-WAY SPEAKERS

ORDER NO. MM800W

This 3-way in-wall is the ideal choice for customers seeking maximum performance at a reasonable price point. Outstanding midrange detail as well as superb imaging, excellent off-axis response, deep bass and pristine highs.

Woofer: .....8 in. injection-molded mica
Tweeter: .....19 mm silk dome, pivoting
Midrange: .....1-1/2 in. silk dome
Crossover: .....12dB per octave
Switches: .....treble
Sensitivity: 90dB
Frequency Response: .....35Hz - 20kHz
Impedance: .....8 Ohms

Rated Power: .....5 - 90W

Dimensions
Outside: .....(in.) 9-7/8 x 16-1/2
(mm) 251 x 419
Cutout: .....(in.) 8-5/8 x 15-3/16
(mm) 219 x 386
Depth: .....4 in. (102 mm)

MM650W 6.5" IN-WALL 2-WAY SPEAKERS

ORDER NO. MM650W

Highly recommended for critical listeners and home theater enthusiasts alike. Tight, solid bass, revealing mids and flawless imaging reproduce music and movies with truly convincing realism.

Woofer: 6-1/2 in. injection-molded mica
Tweeter: .....19 mm silk dome, pivoting
Crossover: .....12dB per octave
Switches: .....treble
Sensitivity: 89dB
Frequency Response: .....40Hz - 20kHz
Impedance: .....8 Ohms

Rated Power: .....5 - 75W

Dimensions
Outside: .....(in.) 8-1/4 x 13-1/2
(mm) 210 x 343
Cutout: .....(in.) 7-1/8 x 12-1/4
(mm) 181 x 311
Depth: .....3-3/4 in. (94 mm)

MM525W 5.25" IN-WALL 2-WAY SPEAKERS

ORDER NO. MM525W

An excellent choice for use in any distributed audio or home theater application where a smaller size in-wall speaker is desired. Refined highs, transparent mids and tight bass make the MM525W very easy on the ears.

Woofer: 5-1/4 in. injection-molded mica
Tweeter: .....19mm silk dome, pivoting
Crossover: .....12dB per octave
Switches: .....treble
Sensitivity: 89dB
Frequency Response: .....45Hz - 20kHz
Impedance: .....8 Ohms

Rated Power: .....5 - 50W

Dimensions
Outside: ..... (in.)7-3/8 x 11-9/16
(mm) 187 x 294
Cutout: .....(in.) 6-1/8 x 10-1/4
(mm) 156 x 260
Depth: .....3-3/4 in. (94 mm)

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ME SERIES

LEVEL 2: E-LINE IN-WALL SPEAKERS

ME650W 6.5" IN-WALL 2-WAY SPEAKERS

ORDER NO. ME650W

Highly recommended for music lovers on a budget who seek superior imaging, transparent midrange and dynamic bass response. A brilliant crossover design really brings the ME650W to life.

Woofer: .....6-1/2 in. mineral-filled poly	Rated Power: .....5 - 65W
Tweeter: .....19mm silk dome, pivoting	**Dimensions**
Crossover: .....6dB per octave	Outside: .....(in.) 8-1/4 x 13-1/2
Switches: .....none	(mm) 210 x 343
Sensitivity: 88dB	Cutout: .....(in.) 7-1/8 x 12-1/4
Frequency Response: .....45Hz - 20kHz	(mm) 181 x 311
Impedance: .....8 Ohms	Depth: .....3-3/4 in. (94 mm)

ME525W 5.25" IN-WALL 2-WAY SPEAKERS

ORDER NO. ME525W

This unobtrusive in-wall speaker offers exceptional imaging, pristine highs and surprising midbass punch. Don't let its diminutive size and price fool you—the ME525W is a pleasure to listen to and out-performs all other speakers in its class!

Woofer: .....5-1/4 in. mineral-filled poly	Rated Power: .....5 - 40W
Tweeter: .....13mm Silk dome, pivoting	**Dimensions**
Crossover: .....6dB per octave	Outside: .....(in.) 7-3/8 x 11-9/16
Switches: .....none	(mm) 187 x 294
Sensitivity: 87dB	Cutout: .....(in.) 6-1/8 x 10-1/4
Frequency Response: .....50Hz - 20kHz	(mm) 156 x 260
Impedance: .....8 Ohms	Depth: .....3-3/4 in. (94 mm)

MC SERIES

LEVEL 1: C-LINE IN-WALL SPEAKERS

MC650W 6.5" IN-WALL 2-WAY SPEAKERS

ORDER NO. MC650W

Designed for the cost-conscious listener, the MC650W is ideal for any general purpose background music application. Good looks, great value and easy installation make it the contractor's choice!

Woofer: .....6-1/2 in. poly	Rated Power: .....5 - 50W
Tweeter: .....14mm PEI, pivoting	**Dimensions**
Crossover: .....6dB per octave	Outside: .....(in.) 8 x 13-1/4
Switches: .....none	.....(mm) 203 x 337
Sensitivity: 87dB	Cutout: .....(in.) 7-1/8 x 12-1/4
Frequency Response: .....50Hz - 20kHz	.....(mm) 181 x 311
Impedance: .....8 Ohms	Depth: .....3-5/16 in. (83 mm)

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MP SERIES

LEVEL 4: PREMIUM CEILING SPEAKERS

MP800C 8" CEILING 2-WAY SPEAKERS

ORDER NO. MP800C

The flagship in-ceiling speaker in the M Series line, the MP800C offers high power handling and ultra-wide dispersion as well as powerful and dynamic bass, exceptional midrange accuracy and lush high frequency reproduction.

Woofer: .....8 in. woven glass fiber
Tweeter: ...25 mm aluminum/magnesium, ...pivoting
Crossover: .....Linkwitz-Riley
Switches: .....bass/treble
Sensitivity: 91dB
Frequency Response: .....33Hz - 20kHz
Impedance: .....8 Ohms
Rated Power: .....5 - 100W
Dimensions
Outside: .....10-15/16 in. (278 mm) dia.
Cutout: .....9-3/4 in. (248 mm) dia.
Depth: .....5 in. (127 mm)

MP800D 8" CEILING DUAL VOICE COIL SPEAKER

ORDER NO. MP800D

ELAN's top-of-the-line dual channel speaker provides exceptional off-axis midrange and high frequency response, as well as impressive bass with plenty of punch. Perfect in any application where minimal space is available and maximum performance is desired.

Woofer: .....8 in. woven glass fiber, dual voice coil
Tweeter: .....dual 19mm aluminum/magnesium
Crossover: .....Linkwitz-Riley
Switches: .....bass/treble
Sensitivity: 92dB
Frequency Response: .....33Hz - 20kHz
Impedance: .....8 Ohms
Rated Power: .....5 - 100W
Dimensions
Outside: .....10-15/16 in. (278 mm) dia.
Cutout: .....9-3/4 in. (248 mm) dia.
Depth: .....5-1/2 in. (139 mm)

MP650C 6.5" CEILING 2-WAY SPEAKERS

ORDER NO. MP650C

The discriminating listener's choice for in-ceiling audio. Transparent highs, detailed midrange and solid low frequency reproduction combine to provide reference-quality performance.

Woofer: .....6-1/2 in. woven glass fiber
Tweeter: .....19 mm aluminum/ magnesium, pivoting
Crossover: .....Linkwitz-Riley
Switches: .....bass/treble
Sensitivity: 90dB
Frequency Response:.....38Hz - 20kHz
Impedance: .....8 Ohms
Rated Power: .....5 - 85W
Dimensions
Outside: .....9-1/4 in. (235 mm) dia.
Cutout: .....8-1/16 in. (205 mm) dia.
Depth: .....4-13/16 in. (122 mm)

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MM SERIES

LEVEL 3: MAINLINE CEILING SPEAKERS

MM800C 8" CEILING 2-WAY SPEAKERS

ORDER NO. MM800C

Impressive low frequency extension and superb midbass snap combine with refined mids and detailed highs to make the MM800C the professional's choice for distributed audio and surround applications.

Woofer: .....8 in. injection-molded mica
Tweeter: .....25 mm silk dome, pivoting
Crossover: .....12dB per octave
Switches: .....treble
Sensitivity: 90dB
Frequency Response: .....35Hz - 20kHz

Impedance: .....8 Ohms
Rated Power: .....5 - 90W

Dimensions
Outside: .....10-15/16 in. (278 mm) dia.
Cutout: .....9-3/4 in. (248 mm) dia.
Depth: .....4-13/16 in. (122 mm)

MM650C 6.5" CEILING 2-WAY SPEAKERS

ORDER NO. MM650C

Designed to perform optimally in any distributed audio or rear surround application, the MM650C features surprising bass extension, smooth and accurate midrange and outstanding high-frequency detail.

Woofer: 6-1/2 in. injection-molded mica
Tweeter: .....19 mm silk dome, pivoting
Crossover: .....12dB per octave
Switches: .....treble
Sensitivity: 89dB
Frequency Response: .....40Hz - 20kHz

Impedance: .....8 Ohms
Rated Power: .....5 - 75W

Dimensions
Outside: .....9-1/4 in. (235 mm) dia.
Cutout: .....8-1/16 in. (205 mm) dia.
Depth: .....4-1/2 in. (112 mm)

MM650D 6.5" CEILING DUAL VOICE COIL SPEAKER

ORDER NO. MM650D

ELAN's "step up" dual-channel speaker. Dual 13 mm silk dome tweeters are mounted at opposite angles to provide outstanding off-axis dispersion and supurb high frequency detail.

Woofer:..6-1/2 in. injection-molded mica, dual voice coil
Tweeter: .....Dual 13 mm silk dome
Crossover: .....12dB per octave
Switches: .....treble
Sensitivity: 91dB
Frequency Response: .....40Hz - 20kHz

Impedance: .....8 Ohms
Rated Power: .....5 - 75W

Dimensions
Outside: .....9-1/4 in. (235 mm) dia.
Cutout: .....8-1/16 in. (205 mm) dia.
Depth: .....4-1/2 in. (112 mm)

MM525C 5.25" CEILING 2-WAY SPEAKERS

ORDER NO. MM525C

Dynamic mid-bass, exceptionally smooth midrange, and seductive highs make this speaker an excellent choice for performance-oriented distributed audio applications requiring a compact ceiling-mount speaker.

Woofer:....5-1/4 in. injection-molded mica
Tweeter: .....19 mm silk dome, pivoting
Crossover: .....12dB per octave
Switches: .....treble
Sensitivity: 88dB
Frequency Response: .....45Hz - 20kHz

Impedance: .....8 Ohms
Rated Power: .....5 - 50W

Dimensions
Outside: .....8 in. (203 mm) dia.
Cutout: .....6-13/16 in. (173 mm) dia.
Depth: .....4-5/8 in. (116 mm)

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ME SERIES

LEVEL 2: E-LINE CEILING SPEAKERS

ME800C 8" CEILING 2-WAY SPEAKERS

ORDER NO. ME800C

Airy highs, ultra-smooth mids, and deep bass describe this stellar performer. An outstanding choice for customers who love their music LOUD! Perfect for Rock, Rap, Pop and Dance music!

Woofer: .....8 in. mineral-filled poly	Impedance: .....8 Ohms
Tweeter: .....25 mm silk dome, pivoting	Rated Power: .....5 - 80W
Crossover: .....6dB per octave	**Dimensions**
Switches: .....none	Outside: .....10-15/16 in. (278 mm) dia.
Sensitivity: 89dB	Cutout: .....9-3/4 in. (248 mm) dia.
Frequency Response: .....40Hz - 20kHz	Depth: .....4-13/16 in. (122 mm)

ME650C 6.5" CEILING 2-WAY SPEAKERS

ORDER NO. ME650C

Exceptionally flat frequency response enables the ME650C to seamlessly integrate into any listening environment, while its attractive price point make it an exceptional value.

Woofer: .....6-1/2 in. mineral-filled poly,	Impedance: .....8 Ohms
Tweeter: .....19 mm silk dome, pivoting	Rated Power: .....5 - 65W
Crossover: .....6dB per octave	**Dimensions**
Switches: .....none	Outside : .....9-1/4 in. (235 mm) dia.
Sensitivity: 88dB	Cutout: .....8-1/16 in. (205 mm) dia.
Frequency Response: .....45Hz - 20kHz	Depth: .....4-1/4 in. (107 mm)

ME525C 5.25" CEILING 2-WAY SPEAKERS

ORDER NO. ME525C

An excellent choice for customers looking for a small, yet powerful speaker with performance far superior to comparably priced products. Best suited for kitchens, bathrooms, guest bedrooms and other secondary listening locations.

Woofer: .....5-1/4 in. mineral-filled poly	Impedance: .....8 Ohms
Tweeter: .....13mm silk dome, pivoting	Rated Power: .....5 - 40W
Crossover: .....6dB per octave	**Dimensions**
Switches: .....none	Outside: .....8 in. (203 mm) dia.
Sensitivity: 87dB	Cutout: .....6-13/16 in. (173 mm) dia.
Frequency Response: .....50Hz - 20kHz	Depth: .....4-1/8 in. (104 mm)

ME525D 5.25" CEILING DUAL VOICE COIL SPEAKER

ORDER NO. ME525D

This entry-level dual channel speaker reproduces the full range of audible frequencies. An excellent choice for bathrooms, walk-in closets, hallways and other locations where using two separate speakers isn't desirable or practical.

Woofer: .....5-1/4 in. mineral-filled poly	Impedance: .....8 Ohms
Tweeter: .....wizzer cone	Rated Power: .....5 - 40W
Crossover: .....n/a	**Dimensions**
Switches: .....none	Outside: .....8 in. (203 mm) dia.
Sensitivity: 90dB	Cutout: .....6-13/16 in. (173 mm) dia.
Frequency Response: .....50Hz - 15kHz	Depth: .....4-1/8 in. (104 mm)

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MC SERIES

LEVEL 1: C-LINE CEILING SPEAKERS

MC650C 6.5" CEILING TWO-WAY SPEAKERS

ORDER NO. MC650C

An excellent choice for garages, covered patios, children's bedrooms as well as offices and other light commercial applications. This cost-effective design performs significantly better than comparable "contractor grade" designs.

Woofer: .....6-1/2 in. poly	Impedance: .....8 Ohms
Tweeter: .....14 mm PEI	Rated Power: .....5 - 50W
Crossover: .....6dB per octave	**Dimensions**
Switches: .....none	Outside: .....9-1/4 in. (235 mm) dia.
Sensitivity: 87dB	Cutout: .....8-1/8 in. (205 mm) dia.
Frequency Response: .....50Hz - 20kHz	Depth: .....3-5/8 in. (92 mm)

O SERIES OUTDOOR SPEAKERS

O SERIES

All-weather design and performance that exceed expectations in outdoor applications

From the patio to the pool, on a boat or a bookshelf, ELAN O Series Outdoor Speaker Systems deliver the sound you want, anywhere you want it. Their design delivers a deep, clean bass that compliments the accurate highs and warm mids. Designed to withstand even the harshest weather conditions, O Series Speakers will provide years of outdoor (and indoor!) listening pleasure.

COMMON FEATURES OF ALL O SERIES SPEAKERS

- Big sound — small profile
- Weather-resistant construction designed to withstand the most extreme conditions
- Custom C-brackets (incl.) allow for easy installation under eaves, pivoting up to 180° & horizontal or vertical mounting
- OmniMount™ compatible
- Paintable grilles, cabinets & brackets for easy color matching
- Gold-plated, weather-resistant speaker terminals for the best possible connection

OM650S 6.5" DUAL VOICE COIL STEREO OUTDOOR SPEAKER NEW!

ORDER NO. OM650S

The OM650S is a dual voice coil speaker designed to provide stereo audio to areas where only one speaker is desired or can be accommodated. Both channels of a stereo signal are played through a single transducer, resulting in full, rich, stereo sound from a single, compact speaker.

Woofer: .....6.5 in. dual voice coil, polypropylene/mica composite cone w/butyl rubber surround	Impedance: .....6 Ohms
Tweeter: .....dual voice coil, 19 mm silk dome w/vented pole	Grille: .....Rust-proof aluminum
Crossover: .....second-order, low "Q" @ 2.4kHz	Bass Reflex Enclosure: .....glass-filled ABS bass reflex design
Sensitivity: 91dB	Mounting System : .....180° aluminum swivel brackets (incl.)
Frequency Response: .....58Hz - 20kHz +/- 3dB	Operating Temperature:.....-4°F to +140°F (-20°C to +60°C)
Rated Power: ....100W Total/ 50 WPC RMS	Color: .....white
	Outside Dimensions w/out Bracket (in.) 7-5/16 W x 13-5/16 H x 7-5/16 D (mm) 186 W x 338 H x 186

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OM650 6.5" 2-WAY OUTDOOR SPEAKERS

ORDER NO. OM650

Woofer: .....6-1/2 in. polypropylene/mica composite cone w/butyl rubber surround
Tweeter: .....19 mm silk dome w/vented pole
Crossover: .....Second-order, low "Q" @ 2.4kHz
Sensitivity: 90dB
Frequency Response: .....58Hz - 20kHz +/- 3dB
Rated Power: .....5 - 100W RMS
Impedance: .....6 Ohms

Grille: .....rust-proof aluminum
Bass Reflex Enclosure: .....glass-filled ABS bass reflex design
Mounting System : .....180° aluminum swivel brackets (incl)
Operating Temperature: ...-4°F to +140°F (-20°C to +60°C)
Color: .....black or white
Outside Dimension w/out Bracket
(In.) 7-5/16 W x 13-5/16 H x 7-5/16 D
(mm) 186 W x 338 H x 186 D

OM525 5.25" 2-WAY OUTDOOR SPEAKERS

ORDER NO. OM525

Woofer: .....5-1/4 in. polypropylene/mica composite cone w/ butyl rubber surround
Tweeter: .....19 mm silk dome w/vented pole
Crossover: .....second-order, low "Q" @ 2.4kHz
Sensitivity: 89dB
Frequency Response: .....60Hz - 20kHz +/- 3dB
Rated Power: .....5 - 85W RMS
Impedance: .....6 Ohms

Grille: .....rust-proof aluminum
Bass Reflex Enclosure: .....glass-filled ABS bass reflex design
Mounting System : .....180° aluminum swivel brackets (incl)
Operating Temperature: ....-4°F to +140°F (-20°C to +60°C)
Color: .....white
Outside Dimensions w/out Bracket
(in.) 6-1/2 W x 10-13/16 H x 6-3/4 D
(mm) 165 W x 275 H x 1D

OE650 6.5" 2-WAY OUTDOOR SPEAKERS

ORDER NO. OE650

Woofer: .....6-1/2 in. polypropylene, carbon composite cone w/butyl rubber surround
Tweeter: .....13 mm silk diaphragm ferrofluid cooled
Crossover: .....first-order, linear phase @ 3.1kHz
Sensitivity: 89dB
Frequency Response: .....65Hz - 20kHz +/- 3dB
Rated Power: .....5 - 80W RMS
Impedance: .....6 Ohms

Grille: .....rust-proof aluminum
Bass Reflex Enclosure:.....ABS
Mounting System : .....180° aluminum swivel brackets (incl)
Operating Temperature: ....-4°F to +140°F (-20°C to +60°C)
Color: .....white
Outside Dimensions w/out Bracket
(in) 7-5/16 W x 13-5/16 H x 7-5/16 D
(mm) 186 W x 338 H x 186 D

OE525 5.25" 2-WAY OUTDOOR SPEAKERS

ORDER NO. OE525

Woofer: .....5-1/4 in. polypropylene, carbon composite cone w/butyl rubber surround
Tweeter: .....13 mm silk diaphragm ferrofluid cooled
Crossover: ...first-order, linear phase @ 3.1kHz
Sensitivity: 88dB
Frequency Response: ...75Hz - 20kHz +/- 3dB
Rated Power: .....5 - 60W RMS
Impedance: .....6 Ohms

Grille: .....rust-proof aluminum
Bass Reflex Enclosure: .....ABS
Mounting System : .....180° aluminum swivel brackets (incl)
Operating Temperature: .....-4°F to +140°F (-20°C to +60°C)
Color: .....black or white
Outside Dimensions w/out Bracket
(in) 6-1/2 W x 10-13/ H x 6-3/4 D
(mm) 165 W x 275 H x 171 D

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SPEAKER ACCESSORIES

M SERIES FIRE-RATED ENCLOSURES

ELAN M Series Speaker Enclosures meet all the requirements for markets where building codes dictate that in-wall or in-ceiling speakers be installed in fire-rated enclosures.

Constructed from .032 in. steel, each enclosure is one-hour fire rated in accordance with ATSM E1119-00, CAN/ULC-S101-M89, NFPA 251 and UBC 7-1 "Fire Tests of Building Construction and Materials". A copy of ELAN's Certificate of Compliance to these standards is enclosed with each enclosure for presentation to building inspectors upon request.

Designed to accommodate all M Series 6.5 in. In-Wall, 6.5 in. Ceiling and 8 in. Ceiling speakers, each enclosure features 3/8 in. knock-outs on all four sides so that speaker wire can be pulled into the enclosure from any direction. Two 3/8 in. UL®-rated connectors, one for wire and one for conduit, are also included. Each enclosure is filled with fire-rated 2 in.-thick rock wool to dampen resonance within the box.

6.5" IN-WALL SPEAKER ENCLOSURE ORDER NO. BB650W

For use with all ELAN M Series 6.5 in. In-Wall Speakers

Dimensions
(in.) 18 W x 22-5/16 H x 3-5/16 D
(mm) 458 W x 567 H x 89 D

6.5" CEILING SPEAKER ENCLOSURE ORDER NO. BB650C

For use with all ELAN M Series 6.5 in. Ceiling Speakers

Dimensions
(in.)18 W x 16-5/8 H x 5-1/2 D
(mm) 458 W x 422 H x 139 D

8" CEILING SPEAKER ENCLOSURE ORDER NO. BB800C

For use with all ELAN M Series 8 in. Ceiling Speakers

Dimensions
(in.) 18 W x 23-3/4 H x 5-1/2 D
(mm) 458 W x 604 H x 139 D

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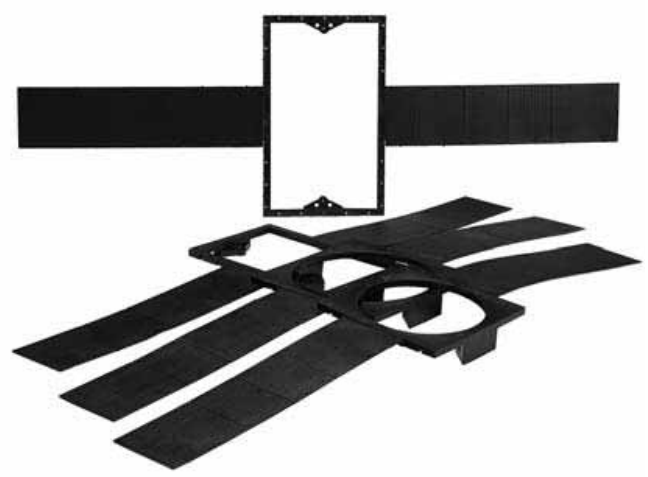
SPEAKER ACCESSORIES

BRACKETS

NEW-CONSTRUCTION BRACKETS FOR M SERIES & THEATERPOINT



FEATURES

- Dimpled bracket wings for easy, single-handed starting of mounting screws
- Each 16 in. x 4 in. bracket wing can be mounted on up to 24 in. centers
- Locking dovetail design for mounting wings anywhere around perimeter of bracket
- Special mounting holes for installing frame & grille w/out speaker baffle
- Non-permanent bracket installation! Brackets can be removed from behind the drywall during trim-out if desired
- Wiring "tie-off" holes guarantee no loss of speaker wire
- All plastic parts molded from impact & temperature resistant polymer
- Available in 6-packs

TheaterPoint Speaker Brackets

Order No.	For	Quantity
BKT56W	THP525W/THP650D	6
BKT800W	THP650W	6
BKT8C	THP800C	6

M Series Speaker Brackets

Order. No.	Size	Type	Quantity
BKT525C	5.25 in.	Ceiling	6
BKT650C	6.50 in.	Ceiling	6
BKT800C	8.00 in.	Ceiling	6
BKT525W	5.25 in.	In-Wall	6
BKT650W	6.50 in.	In-Wall	6
BKT800W	8.00 in.	In-Wall	6

GRILLES, FRAMES & CLAMPING LEGS

TheaterPoint Grilles, Frames & Clamping Legs

Order No.	Description	Quantity
SA525TPG	Grille for THP525W & THP650D	2
SA650TPG	Grille for THP650W	2
SA800TPG	Grille for THP800C	2
SA525TPF	Frame for THP525W & THP650D	2
SA650TPF	Frame for THP650W	2
SA800TPF	Frame for THP800C	2
SASD12TP	TheaterPoint Clamping Legs Pkg	8 ceiling & 12 in-wall

M Series Grilles, Frames & Clamping Legs

Order No.	Description	Quantity
SAGR525C	Grille for all M Series 525 Ceiling Speakers	2
SAGR650C	Grille for all M Series 650 Ceiling Speakers	2
SAGR800C	Grille for all M Series 800 Ceiling Speakers	2
SAGR525W	Grille for all M Series 525 In-Wall Speakers	2
SAGR650W	Grille for all M Series 650 In-Wall Speakers	2
SAGR800W	Grille for all M Series 800 In-Wall Speakers	2
SAFR525C	Frame for all M Series 525 Ceiling Speakers	2
SAFR650C	Frame for all M Series 650 Ceiling Speakers	2
SAFR800C	Frame for all M Series 800 Ceiling Speakers	2
SAFR525W	Frame for all M Series 525 In-Wall Speakers	2
SAFR650W	Frame for all M Series 650 In-Wall Speakers	2
SAFR800W	Frame for all M Series 800 In-Wall Speakers	2
SASD12	M Series Clamping Legs Package	12 in-wall

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ENTERTAINMENT SOURCES

CDs, DVDs, AM, FM and XM™ — enjoy entertainment like never before with ELAN's family of value-added music and video source components.

VIA!®dj FAMILY OF DIGITAL MUSIC SERVERS

Music That's Fast, Easy and Fun!

The VIA!®dj family of Digital Music Servers from ELAN are digital audio storage and music management systems that give you instant access to all your music from any VIA!® Touch Panel or television in the home. View the cover art of all your CDs as well as album titles, artists and songs. Select music by artist, CD, track, genre or an unlimited number of personalized playlists. Colorful, user-friendly graphics make navigating through your music collection fast, easy and fun.

3 Models to Fit Your Needs

There are only two differences between the three VIA!dj models: the number of audio outputs, and the storage capacity of the hard drive. The VIA!dj-s has a single pair of audio outputs that allows listening to the dj throughout the house. Do even more with the VIA!dj and VIA!dj-hc. Each has four pairs of audio outputs that let you to listen to different tracks in different rooms at the same time! Both the VIA!dj and dj-s have 160GB hard drives. That's enough room to store over 2,800 hours of music. The "high-capacity" VIA!dj-hc has a 250GB hard drive, enough disc space to store more than 4,000 hours of great music.

VIA!®dj

The original, multi award-winning VIA!dj Digital Music Server has been significantly updated with exciting new features including a Digital Jukebox, iPod® download capability, 20X CD ripping and a fourth set of analog outputs for multi-zone listening!

VIA!®dj-s

This single output VIA!dj has all the features of its award-winning big brother, yet provides an affordable solution for consumers who wish to reap the benefits of whole-house digital music management, but whose listening needs do not require multiple, independent outputs.

VIA!®dj-hc

"HC" stands for High-Capacity, and with its 250GB hard drive the VIA!dj-hc delivers just that. This top-of-the line four-output model has all the updated features of its siblings, but can store more than 4,000 hours of music!

New and Exciting Features!

All three VIA!dj models have the new Digital Jukebox feature that allows creating a song list from a music collection and plays it back in the order entered. In the tradition of the classic American jukebox, just add as many songs as desired to the Jukebox list and let them play! Also new, these djs can rip CDs at 20x real-time speed from its front CD tray, enabling you to add new music to a dj's hard drive faster than ever before! Want to take music on the go? Just transfer music from your VIA!dj to iPods and other portable digital music players!

Mark of Excellence
CEA
2003 Winner
Product of the Year
and
Best Audio Component

VIA! Touch Panels showing single-output interface (left) and 4-output interface (right)

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VIA!®dj FAMILY OF DIGITAL MUSIC SERVERS (CONTINUED)

ORDER NO. VIADJ/VIADJHC/VIADJS

VIA!dj and VIA!dj-hc (NTSC or PAL Compatible)

VIA!dj-s (NTSC or PAL Compatible)

COMMON FEATURES

- Fast, easy access to entire music collections from VIA!® Touch Panels & TVs
- Easy, intuitive navigation w/large, full-color graphics
- View CD cover art
- Select music by artist, CD, track or genre
- Create personal playlists
- Random or sequential play back from all modes
- Digital Jukebox – add & play songs in the order entered
- Transfer music to portable digital music players such as the Apple iPod®
- 20X ripping speed from CD tray
- "Quick Add" feature allows adding tracks to a playlist "on the fly"
- "Preset" feature for quick access from keypads & remotes
- Ethernet capable – transfer MP3 files, maintain & update cataloged music
- Downloads cover art, titles & song lists via built-in modem or Ethernet
- 4 recording qualities: 128kB, 192kB, 320kB & uncompressed
- Records DTS 5.1 encoded audio CDs for home theater playback (uncompressed only)
- Additional digital output for direct connections to a home theater
- Analog inputs allows digital storage of vintage vinyl & tapes
- Quick & easy setup using VIA!®TOOLS programming software
- Remote control included

COMMON SPECIFICATIONS

RJ-11 Modem port (56kbit/s)

RJ-45 Ethernet port (10 Base T/100 Base T)

RS-232 serial control port (9 pin D-type M)

(2) USB Ports, Type A USB socket

Rear panel 3.5 mm IR Input jack

Stereo RCA cable, video RCA cable, modem cable & remote control (incl)

NTSC or PAL compatible

Dimensions

(in.) 17-3/16 W x 3-7/8 H x 14-3/4 D

(mm) 420 W x 98 H x 375 D

Weight: .....23 lbs/10.4 kg

UL® listed & CE approved

VIA!dj SPECS

Hard Drive: .....160GB (approx. 2,800 hrs. of music @128kB/s)

Audio Outputs: .....4 pr. Analog, 1 Digital Optical, 1 Digital Coaxial

Audio Inputs: .....1 pr. Analog, 1 Digital Optical, 1 Digital Coaxial

Video Outputs: .....Composite, S & VGA

VIA!dj-s SPECS

Hard Drive: .....160GB (approx. 2,800 hrs. of music @128kB/s)

Audio Outputs: .....1 pr. Analog, 1 Digital Optical, 1 Digital Coaxial

Audio Inputs: .....1 pr. Analog, 1 Digital Optical, 1 Digital Coaxial

Video Outputs: .....Composite, S & VGA

VIA!dj-hc SPECS

Hard Drive: .....250GB (approx. 4,000 hrs. of music @128kB/s)

Audio Outputs: .....4 pr. Analog, 1 Digital Optical, 1 Digital Coaxial

Audio Inputs: .....1 pr. Analog, 1 Digital Optical, 1 Digital Coaxial

Video Outputs: .....Composite, S & VGA

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VIA!®dvdj DVD Controller NEW!

ORDER NO. VIADVDJ

With the VIA!®dvdj an entire DVD collection becomes an easy-to-sort-through, easy-to-view library of Action, Comedy, Drama, Romance and more. Up to 1600 movies are just a touch away using the full-color, easy-to-navigate graphical user interface the VIA!dvdj displays on every VIA! Touch Panel in the home.

The VIA!dvdj is called a "DVD Controller" because it controls up to four Sony DVP-CX777ES 400-disc DVD changers. But how these changers are controlled makes VIA!dvdj a one-of-a-kind home entertainment component. With the VIA!dvdj, playing with the full-color user interface can be as much fun as watching the movie itself. This easy-to-navigate GUI, displayed on every VIA! Touch Panel or TV in the house, sorts through a DVD library alphabetically by title, director, actor, genre, rating or year. The GUI also shows the DVD-case cover art of movies and provides information such as cast, director, year, genre and rating of the movie selected. It provides all the DVD changer transport controls, arranged in a user-friendly format. It's cool, it's fun and it's easy to use!

Unlike other DVD controllers, the VIA!dvdj uses the video outputs of the DVD changers connected to it to distribute video throughout the home. This means that up to four DVDs can be viewed in different rooms simultaneously with just one VIA!dvdj*.

Sony DVP-CX777ES

The Sony ES line of audio/video products are renown for their quality, and ELAN is proud to have teamed up with Sony to offer the DVP-CX777ES 400-Disc DVD Changer as the companion piece for the VIA!dvdj. Each Sony changer holds up to 400 DVDs. Each VIA!dvdj can control up to four Sony changers. The DVP-CX777ES features composite, component and S video outputs, offering the user multiple video distribution options. And with the VIA!dvdj controlling them, each DVD changer can be accessed independently for simultaneous viewing in any room. Sony DVP-CX777ES DVD changers purchased through ELAN come with Sony's full 3-year Manufacturer's Warranty.

***Note: Multiple DVD changers required**

FEATURES

- Instant access to entire DVD collections from any VIA! Touch Panel or TV in the home
- Sort & access DVDs by title, actor, director, genre, year & rating
- Watch up to 4 movies independently in different rooms*
- Easy & intuitive DVD changer control from VIA! Touch Panels
- View cover art, cast, director, year, genre & rating of all DVDs
- Parental lock-out restricts access to specific DVD changers &/or ratings
- Controls up to 4 Sony DVP-CX777ES 400 disc DVD changers for a total of 1600 DVDs – available from ELAN
- Downloadable software upgrades
- Dealer PC tool allows configuration to Ethernet, modem & ISP settings, view/edit cover art & DVD data
- IR & RS-232-controllable
- 4 null modem DVD changer control cables, composite video cable, & modem cable (incl.)
- Handheld remote control for use in rooms w/VIA! Touch Panels (incl.)

SPECIFICATIONS

System: .....hard-disc based DVD changer controller

Video Outputs: .....composite, S-video, VGA

Communications: .....(4) RS-232 DVD changer control ports, dial-up modem port (RJ-11), Ethernet port (RJ-45), IR input port, RS-232 control port, front panel IR receiver

Dimensions

(in.) 17-3/16 W x 3-7/8 H x 14-3/4 D
(mm) 437 W x 98 H x 375 D

Weight: .....15.4 lbs/7 kg

SONY DVP-CX777ES (Sold Separately)

Video Outputs: .....component, composite (2), S-video (2)

Audio Outputs: .....digital coaxial, digital optical, analog stereo (2 pr.), 5.1 surround sound

Scan Select: .....progressive, interlace, selectable

Control Ports: .....(1) RS-232 control port, (1) S-link

Handheld Remote Control (incl.)

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XM-R3™ Triple Satellite Audio Receiver

NEW!

ORDER NO. XMR3

Introducing the XM-R3™! The latest in ELAN's ever-expanding lineup of value-added entertainment sources, the XM-R3 is three XM™ Satellite Radios rolled into one premium ELAN component.

XM Radio features over 150 channels of commercial-free CD-quality music, news, sports, comedy, talk and more – enjoy this wide variety of entertainment in any room of the house. With three separate XM tuners* built right in, the XM-R3 allows the user to listen to different stations in different rooms throughout the home. Listen to news in the home office, smooth jazz in the bedroom and children's programming in the kid's room. All are available 24/7/365.

And because the XM-R3 is an ELAN component, it offers point-and-click integration into any ELAN system and real-time XM status feedback to ELAN VIA!® Touch Panels in any room**. View channel, category, title and artist of whatever is playing from any of the three built-in XM tuners. Browse through Categories to see what is playing on other channels. Do it and see it all on any VIA! Touch Panel in the home.

In rooms without VIA! Touch Panels, the XM-R3 is easy to access using any of ELAN's in-wall or tabletop keypads. Custom keycaps allows the programmer to name music categories or channel presets and, with the touch of a button, hear exactly what is desired.

The XM-R3 features ten presets for each of the three built-in XM tuners, providing a total of 30 presets so that every family member can have easy, one-touch access to their favorite content, no matter where they are in the house. The XM-R3 is also a parent's dream, offering the ability to block stations they don't want their children to hear. The Channel Skip feature allows the user to quickly scroll through and locate desired channels y while skipping over the rest.

*** This unit requires a monthly subscription from XM Satellite Radio. Choose to activate one, two or all three of the built-in XM tuners. To subscribe, please phone XM directly at 1-800-XMRADIO (1-800-967-2346).**

****RS-232 serial control of the XM-R3 required for viewing XM feedback on VIA! Touch Panels.**

FEATURES

- 3 Integrated XM Satellite Audio Receivers in 1 component
- Over 150 channels of commercial-free CD-quality music, news, sports, comedy, talk & more
- Independent audio outputs for each XM Receiver
- On-board multi-zone display
- 10 Presets per XM tuner (30 total)
- Parental control locks
- Channel skip feature
- Easy hookup & setup
- Real-time XM information displayed on VIA! Touch Panels**
- IR or RS-232 controlled**
- Familiar VIA! Touch Panel control
- Each XM Module can be activated separately
- Digital audio outputs (3) for stand-alone applications
- XM antenna w/ 20 ft. cable, remote control & rack mount ears (incl.)
- RG-6 XM Antenna Extension Kits available (SRA-KIT, SRA-100)

SPECIFICATIONS

Power Requirements: .....120 VAC, 60 Hz

Power Consumption: .....50 W

Operating Environment: .....32-104°F (0-40°C)

Input Impedance: .....50 Ohms

Input Frequency: 2.33-2.35GHz

Audio Outputs: .....3 pr. Analog RCA Phono jacks, 3 Digital Optical

IR Input: .....3.5 mm jack

RS-232 Control Port: .....9-Pin D-SUB

Antenna Input: .....SMB

Dimensions
(in.) 17-3/16 W x 3-7/8 H x 12-1/2 D
(mm) 438 W x 89 H x 317 D

Weight: .....14 lbs/6.3 kg

ETL® listed

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SRA-KIT SATELLITE RADIO AMPLIFIER KIT

NEW!

ORDER NO. SRAKIT

The SRA-KIT is a satellite radio antenna amplifier kit that allows the extension of the XM-R3™'s antenna up to 100 feet from the head end using standard RG-6 coaxial cable. The kit includes one amplifier plus all the cables and connectors needed for the job.

FEATURES

- Extends satellite radio antenna wire run up to 100 ft. over RG-6 coaxial cable
- For use with the ELAN XM-R3™ Triple Satellite Audio Receiver
- Kit includes:
  - 1 SRA-100 In-line Amplifier
  - 1 BNC-to-antenna cable (2 m)
  - 1 F male to BNC connector
  - 1 F female to BNC connector
  - 1 SMB to F male

SRA-100 SATELLITE RADIO AMPLIFIER

NEW!

ORDER NO. SRA100

The SRA-100 is an add-on satellite radio antenna amplifier that allows an additional 100 ft. over RG-6 coaxial cable. A maximum of three SRA-100s can be connected in-line together for a total RG-6 wire run length of 300 ft. To put it another way, add up to two SRA-100's to the SRA-KIT to achieve a total distance of 300 ft. over a single run of RG-6.

FEATURES

- Each amplifier extends satellite radio antenna wire runs an additional 100 ft.
- Add up to 2 SRA-100's to the SRA-KIT for a total of 300 ft.
- Includes F-to-F barrel connector for easy in-line connection of multiple amps

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DTNR DIGITAL DUAL TUNER

ORDER NO. DTNR

Available in 230-240 Version (Order No. DTNR230)

The DTNR is two separately-controlled digital AM/FM tuners in one standard-size audio component. It can be controlled via IR or RS-232 serial communications, is easy to operate, and is the perfect add-on source component to any ELAN system.

The DTNR provides two independent tuners that can be accessed from anywhere in the home. Two-way RS-232 communications allow ELAN VIA!® Touch Panels to control the DTNR and display station status, presets, mono/stereo configuration, direct or preset tuning and more. No blind guessing when selecting a radio station. The information normally seen on a radio tuner's display can now be viewed on all the VIA! Touch Panels in the house.

As many as 16 radio stations can be custom-named and displayed on any VIA! Touch Panel so that it's easy to find them – 101.1 or WKQQ or ROCK – name them as desired. And the DTNR has 30 AM and 30 FM presets for each of its two turners that can be accessed using the front panel. That's a total of 120 radio presets!

The DTNR is easily controlled from any ELAN keypad as well. Standard keypad buttons can be intuitively assigned for tuning, preset and direct access control.

In seconds, the DTNR can be set up for use with ELAN multi-room controllers and VIA! Touch Panels. The DTNR's RS-232 serial driver and IR code set are embedded in VIA!TOOLS setup software. All that's needed is to point-and-click on the appropriate file and pre-designed tuner control template, with RS-232 or IR commands already assigned to each VIA! button, are automatically loaded. Just custom name the homeowner's favorite radio stations!

The DTNR ships with a handheld remote so it can be controlled through any IR receiver in the home; or use it to "teach" other system handheld remotes.

The DTNR's sensitivity, separation and signal-to-noise specifications are on par with the finest stand-alone tuners on the market, making for clear reception in all areas.

FEATURES

- Dual digital AM/FM tuners in 1 component
- Direct-access tuning
- 30 AM/30 FM Presets per tuner (120 total) accessible from front panel
- 16 custom-named AM/FM presets per tuner accessible from any VIA! Touch Panel
- RS232 control provides 2-way feed-back to VIA!s
- IR controllable from front panel or with direct IR input on rear
- 2 discrete code sets for individual control of each tuner
- Easy setup
- User friendly
- Memory backup stores presets even when the unit is unplugged
- Remote control, FM dipole antenna, AM loop antenna, stereo RCA cable, rack ears, 75 Ohm adapter & rack ears (incl.)

SPECIFICATIONS

Power Requirements: .....120VAC, 60Hz or 230-240VAC, 50Hz

Power Consumption: .....12 Watts

FM Tuning Range: .....87.5MHz to 107.9MHz (20kHz steps)

AM Tuning Range: .....530kHz to 1,710kHz (10kHz steps)

Frequency Response: .....30Hz to 15kHz +/- 1.5dB

Dimensions

(in.) 17-1/8 W x 3-3/4 H x 10-5/8 D
(mm) 444 W x 96 H x 270 D

Weight: .....9 lbs/4 kg

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Nobody communicates better than ELAN. We were the first to use a homeowner's existing touch-tone phones to provide user-friendly communication throughout the home. After using these lifestyle-changing features once, your customers will wonder how they ever lived without them.

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Z•600 COMMUNICATIONS CONTROLLER

ORDER NO. Z600

Also Available in 19 in. Rack-Mount Version Z•601 and 230VAC Version (Order No. Z600230/Z601230)

Add whole-house telecommunications to any S12, S6, Z•630 or stand-alone system.

ELAN was the pioneer in the integration of standard touch-tone telephones into distributed audio systems, and the Z•600 Communications Controller is the culmination of years of experience in this arena.

The concept is simple. Instead of walking up to a box mounted on the wall, just pick up any telephone to communicate throughout the home. Easy-to-remember key presses initiate features such as whole-house paging, phone-to-phone intercom, two-way door station communications and caller-on-hold.

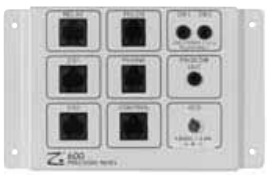
Pages are heard over the same speakers that were installed for music distribution. If a caller is on hold, the music-on-hold feature will keep them entertained.

Additional features let homeowners control door/gate latches and activate relay-controlled devices such as lighting and garage door openers from any touch-tone phone. Add up to two ELAN door stations, and the Z•600 will broadcast digital door chimes throughout the home.

And the Z•600 isn't just for use with ELAN multi-room systems—it's a stand-alone component that integrates into any receiver-based system in lieu of an old-fashioned intercom.

PZ600 Precision Panel

The PZ600 Precision Panel makes the addition of whole-house telecommunications easier than ever! See ACCESSORIES, pg. 95.



FEATURES

- Whole-house paging & music mute
- Phone-to-phone intercom
- Music-on-hold
- Caller on-hold
- Off-hook & on-hold alerts
- 2-way door station communications & latch control (ELAN door stations required)
- 2 digitally-sampled door chimes
- Telemute
- Relay control

Telco Interface

House Phone Battery Voltage: 24VDC

C.O. Access Lines:.....1 per Z•600 (up to 4 Z•600s can be linked for multi-line capabilites)

RJ-11 "Telco" Interface: Cat-5

Page/Door Chime I/O Requirements

Page/Door Chime Mono Output: .....0 to 2.5V p-p adjustable

Page/Door Chime DC Control Output:..... open collector

Music-On-Hold Input Level: .....0 to 2.5V p-p adjustable, line level only

Volume Control Override Output

+12VDC @ 250mA internally powered
+12VDC @ 1.5A when using a PWR12 power supply

Door Speaker Interface

22-24AWG, 4 twisted-pair, shielded wire w/drain terminated to ELAN C45P RJ-45 interface cable

Dry Contact Relay Interface (4)

Relay Type: .....SPST

Contact Rating: .....30VAC/DC, 1A max.

General

Power Requirements: .....120VAC, 12W or 230VAC, 12W

Dimensions

Z•600: .....(in.)17 W x 2-1/4 H x 10 D
(mm) 432 W x 58 H x 254 D

Z•601: .....(in.) 19 W x 1-3/4 H x 10 D
(mm) 483 W x 45 H x 254 D

ETL® listed & CE approved

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DSC2000 DOOR STATION w/HI-RES COLOR CAMERA

ORDER NO. DSC2000

Also Available in PAL Version

The DSC2000 is a full duplex door station with a miniature color CCTV camera built right in! The DSC2000 has a high-efficiency speaker that provides improved voice intelligibility and a wider frequency response over conventional intercom door stations; a supersensitive microphone that can pick up casual conversations up to 20 feet away; and a high-res, low-lux, wide-angle color CCTV camera that can withstand the harshest environments—all behind an attractive tarnish-proof faceplate that will add a touch of class to any home.

FEATURES

- See & speak w/visitors at any entranceway
- Ideal for front door, back door, garage, gate, cabana & more
- Clear 2-way, full-duplex communications
- Wide angle, hi-res/low-lux color CCTV camera built right in
- Beautiful, tarnish-proof face plate available in brass, chrome & ivory
- Lighted doorbell button w/matching finish (incl.)
- Door Latch activation relay

SPECIFICATIONS

Camera
Imager: .....1/3 in. CCD
Auto Iris: .....1/50 – 1/100,000 sec.
Lux: .....0.5 min.
Resolution: .....480 TV lines
Horizontal Viewing Angle: .....120°
Vertical Viewing Angle: .....100°
Swivel: .....+15°/-15° left to right
Video Output: .....1V peak-to-peak
Video Output Impedance: ....75 Ohms
Power Requirements: .....12VDC @ 130mA (camera power supply incl.)

Speaker: .....8 Ohms, sealed back polyester cone

Microphone: .....High-gain omni-directional condenser

Door Latch Relay: .....12VDC coil, 2A contact rating

Wiring Requirements: .....22-24AWG, 4 twisted-pair, shielded wire w/drain, 400 ft. max., RG-6 or RG-59 coax for camera video

The DSC2000 comes with a separate lighted doorbell button for mounting on the door jamb. The doorbell button plate matches the brass, chrome or ivory plate of the door station and has the same tarnish-proof zirconium nitride finish.

DS1500/1550 DOOR STATIONS

ORDER NO. DS1500/DS1550

Available in two models, the 1500 Series door speaker assemblies guarantee superior full-duplex communications at dwelling entrances and remote gate locations.

Both designs contain a closed-back speaker, minimizing feedback with the microphone. This high-efficiency speaker provides improved voice intelligibility and a wider frequency response over conventional intercom door stations. The supersensitive microphone can pick up casual conversations from up to 20 feet away.

The DS1550 also includes a door latch relay. When used with additional equipment, this relay provides automatic door strike control from a touch-tone phone.

DS10/20/30 Faceplates sold separately, see pg. 62

FEATURES

- Speak w/visitors at any entranceway
- Ideal for front door, back door, garage, gate, cabana & more
- Clear 2-way, full-duplex communications
- Beautiful, tarnish-proof face plate available in brass, chrome & ivory (sold separately)
- Lighted doorbell button
- Door latch activation relay (DS1550 only)

SPECIFICATIONS

Speaker: .....8 Ohms, closed back

Microphone: .....High-gain omni-directional condenser

DS1550 Door Latch Relay: .....12VDC coil, 2A contact rating

Interface: .....Deplugable, connectors

Wiring Requirements: .....22-24AWG, 4 twisted-pair, shielded wire w/drain, 400 ft. max., RG-6 or RG-59 coax for camera video

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DS10/20/30 DOOR STATION FACEPLATES FOR DS1500/DS1550

ORDER NO. DS10/DS20/DS30

The best-looking door station face plates on the market!

Machined from 0.4" solid brass and finished to match the DC2000 Color Door Camera faceplate, an ELAN home never looked better from the curb.

The DS10 is an ivory-painted brass faceplate with doorbell button. The DS20 package includes a brass faceplate with lighted doorbell button. The DS30 is a high-polished chrome faceplate with doorbell button.

FEATURES

- 0.4 in. thick solid brass
- Tarnish-proof zirconium nitride finish
- Includes lighted doorbell button
- Matches DC2000 Color Door Camera faceplate (see pg. 75)
- Available in ivory, brass & chrome

DBK10006P DOOR STATION/DOOR CAMERA ROUGH-IN BRACKETS (6 PACK)

ORDER NO. DBK10006P

The new-construction bracket for flush-mounting the DSC2000 combination Door Station with Color CCTV Camera, the DS1500 and DS1550 Door Stations, and the DC2000 Color Door Camera.

FEATURES

- Allows flush mounting into drywall, stucco, brick or clapboard
- Vapor barrier included
- Sold in quantities of 6

SPECIFICATIONS

Cut-Out Dimensions:
(in.) 4-5/8 W x 2-5/8 H
(mm) 118 W x 67 H

BLK1000 DOOR STATION ROUGH-IN COVER

ORDER NO. BLK1000

This blank plate is designed for use as a temporary cover to protect rough-in brackets and door station/door camera prewires.

The BLK1000 can be painted to match any exterior decor. We suggest Krylon® Epoxy Enamel for optimum color match and smooth surface finish.

FEATURES

- Temporary prewire cover for door station/door camera installations
- Paintable to match any exterior color

MORE Communication Products from ELAN…

MAC24

The MAC24 Music & Communications Center has ELAN's patented telecommunication features built right in! See STRUCTURED WIRING, pg. 93.

SW Telephone

ELAN offers a complete line of telephone distribution hubs & wall plates featuring both RJ-45 & 110 punch-down connectors for every application. See STRUCTURED WIRING , pgs. 83-92.

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Despite the proliferation of RS-232 and RF controlled devices, IR is still what it boils down to when you're trying to control many things from many different areas. ELAN's line of Plasma-Friendly IR receivers, emitters and routers have been in command of A/V systems for more than a decade.

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PLASMA-FRIENDLY IR SENSORS

Just about every room in every house has something in it that can adversely effect the reliable transmission of IR control signals. Ambient light sources, such as compact fluorescent light fixtures (CFL) or sunlight streaming through a window at a certain time of day can interfere with IR transmissions. As is well documented, the emissions generated by Plasma TV sets can wreak havoc with IR. ELAN's solution? A complete line of IR Sensors that can be used in any environment! Each and every ELAN IR Sensor features a unique filtering system that reduces interference from both ambient light sources and Plasma or LCD TVs–and ELAN has a Sensor type for just about every application. ELAN IR Sensors can be flush-mounted into a wall or cabinet, placed on a shelf or tabletop, or surfaced-mounted anywhere you need one. There are even two *Extreme Plasma* Sensors that were designed to provide reliable IR control under the most severe Plasma emission situations.

IRS1 PLASMA-FRIENDLY SURFACE-MOUNT IR SENSOR WITH PLUG

ORDER NO. IRS1

This sleek-looking miniature IR Sensor can be surface mounted just about anywhere–cabinetry, TVs, walls–you name it. Its unique quad "mini" plug connects to any ELAN IRD4 Distribution Block and provides system status and IR activity feedback to the on-board LEDs.

FEATURES

- Sleek, miniature surface-mount IR Sensor
- Plasma-friendly design
- Ambient light filtration
- Quad "mini" plug for quick connection
- IR activity & system status LED indicators
- Full-color retail box standard
- Available in black (IRS1b) & silver (IRS1s)

IRS2 PLASMA-FRIENDLY SURFACE-MOUNT IR SENSOR WITH BARE LEADS

ORDER NO. IRS2

The non-retail version of the IRS1, the IRS2 has bare leads instead of a quad "mini" plug, making system connectivity much easier for the installer.

FEATURES

- Sleek, miniature surface-mount IR Sensor
- Plasma-friendly design
- Ambient light filtration
- Bare leads for easy system connections
- IR activity & system status LED indicators
- 4-position termination block (incl.)
- Non-retail packaging
- Available in black (IRS2b) & silver (IRS2s)

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IRS3 PLASMA-FRIENDLY FLUSH-MOUNT IR SENSOR WITH PLUG

ORDER NO. IRS3

Designed to mount flush in a cabinet or wall, the IRS3's small footprint and low-profile bezel make it an ideal choice wherever an inconspicuous IR Sensor is needed. The 3.5 mm quad "mini" plug makes for a quick connection to the ELAN IRD4 Distribution Block.

FEATURES
- Low-profile flush-mount IR Sensor
- Plasma-friendly design
- Ambient light filtration
- 3.5mm plug for easy distribution block connection
- Full-color retail box standard

IRS4 PLASMA-FRIENDLY FLUSH-MOUNT IR SENSOR WITH BARE LEADS

ORDER NO. IRS4

The non-retail version of the IRS3, the IRS4 has bare leads in lieu of a "mini" plug, making system connectivity that much easier for the installer.

FEATURES
- Low-profile flush-mount IR Sensor
- Plasma-friendly design
- Ambient light filtration
- Bare leads for easy system connections
- 4-position termination block (incl.)
- Non-retail packaging

IRTUBE INFRARED RECEIVER TUBE

ORDER NO. IRTUBE

For use with Z•250, Z•200 and Z•201 keypads. The IR Tube features a built-in EMI filter and a range of up to 30 feet. The threaded brass tube comes with a low-profile bezel.

FEATURES
- Use w/Z•250/200/201 keypads
- Easy keypad connector plugs right in
- Non-retail packaging

IRS5 PLASMA-FRIENDLY TABLETOP IR SENSOR WITH PLUG

ORDER NO. IRS5

Small, sleek and attractive, the IRS5 was designed to sit on a cabinet, shelf, tabletop or any flat service. The weighted base and non-slip, no-scuff pad ensure that it remains where you place it. The IRS5 features system status and IR activity LEDs and a quad "mini" plug for easy connection to the ELAN IRD4 Amplified IR Distribution Block.

FEATURES
- Small, sleek styling for table/cabinet-top applications
- Plasma-friendly design
- Ambient light filtration
- Weighted base with non-skid, no-scuff pad
- IR activity & system status LED indicators
- Available in black
- Full-color retail box standard

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IRS6 PLASMA-FRIENDLY IN-WALL IR SENSOR

ORDER NO. IRS6

The IRS6 is an attractive in-wall IR sensor that fits into a standard single-gang outlet box. Its traditional Decora® format and four color options allow it to blend in seamlessly with light switches and other in-wall controls.

FEATURES

- Attractive Decora® styling
- Plasma-friendly design
- Ambient light filtration
- Fits in standard single-gang box
- IR activity & system status LED indicators
- Full-color retail box standard
- Available in almond (IRS6a), black (IRS6b), ivory (IRS6i) & white (IRS6w)

IRS7EP EXTREME PLASMA SURFACE-MOUNT IR SENSOR WITH PLUG

ORDER NO. IRS7EP

Specifically designed for extreme plasma or severe CFL environments, the IRS7EP provides reliable IR data transmissions even under the harshest circumstances. The two-piece design allows you to hide the main module inside a cabinet while the small, unobtrusive sensor module can be adhered to any flat service. A quad "mini" plug provides an easy connection to the ELAN IRD4 Amplified IR Distribution Block.

FEATURES

- Reliable IR control in extreme plasma or CFL environments
- 2-piece design allows tiny Sensor module to be mounted discreetly
- IR Activity LED indicator on main module
- Quad "mini" plug for easy connection to the ELAN IRD4 Amplified IR Distribution Block
- Full-color retail box standard

IRS8EP EXTREME PLASMA SURFACE-MOUNT IR SENSOR WITH BARE LEADS

ORDER NO. IRS8EP

The IRS8EP features the same extreme plasma and severe CFL design as the IRS7EP, but comes with bare leads for the custom installer.

FEATURES

- Reliable IR control in extreme plasma or CFL environments
- 2-piece design allows tiny sensor module to be mounted discreetly
- IR Activity LED indicator on main module
- Bare leads of quick & easy system connections
- 4-position termination block (incl.)
- Non-retail packaging

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IR EMITTERS

ELAN offers a wide variety of IR Emitters for every application, and all are designed for the reliable transmission of any infrared signal. Each single- or dual-head Emitter comes with a unique docking module that stays in place on the IR window while allowing for the easy removal of the Emitter when rearranging or servicing A/V components. The docking module's larger surface area also provides better adhesion to component IR windows.

The Emitters' IR-transparent housing allows infrared from hand-held remotes to pass through to the component, allowing for in-room, as well as system control of every source. All ELAN IR Emitters have 8 foot leads with a standard 3.5mm mono "mini" plug. Certain models include an IR blocking shield that prevents stray IR commands directed at other sources from interfering with source control.

IRE1 IR EMITTER

ORDER NO. IRE1

The standard Emitter for most source-control applications.

FEATURES
- Single-head IR Emitter with docking module
- IR shield & extra docking modules included
- Full-color retail box standard

IRE1D DUAL IR EMITTER

ORDER NO. IRE1D

Perfect for ELAN IR "ALL" port applications where two sources need to be controlled from the same IR output port.

FEATURES
- Dual-head IR Emitter with docking modules
- Control two sources from one IR output port
- Ideal for ELAN "ALL" port applications
- IR shield & extra docking modules included
- Full-color retail box standard

IRE2 TALK BACK IR EMITTER

ORDER NO. IRE2

Another standard—only with a visible LED that flashes to confirm IR transmission.

FEATURES
- Single-head IR Emitter with "talk back" LED & docking module
- IR shield & extra docking modules included
- Full-color retail box standard

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IRE2D DUAL TALK BACK IR EMITTER

ORDER NO. IRE2D

The "talk back" version of the IRE1D. Use for dual source control from one IR output port.

FEATURES

- Dual-head IR emitter w/"talk back" LEDs & docking modules
- Control two sources from one IR output port
- Ideal for ELAN "ALL" port applications
- IR shield & extra docking modules (incl.)
- Full-color retail box standard

IRE3 HIGH OUTPUT IR EMITTER

ORDER NO. IRE3

The IRE3 allows control of multiple A/V components with a single Emitter. This adjustable 3-inch wand contains two high-output IR Emitters that operate at different frequencies of the IR spectrum, ensuring reliable control of a wide range of A/V components.

FEATURES

- Unique wand-shaped "blaster" can control an entire stack of components
- 2 high-output emitters for full spectrum IR control
- Installer-adjustable for perfect shelf overhang positioning
- Adhesive-backed for easy mounting
- Full-color retail box standard

IRE4 MICRO IR EMITTER

ORDER NO. IRE4

This tiny, high-output Emitter was designed to be placed close to the IR Sensor inside a component—a neat, clean alternative to IR window-mounted Emitters.

FEATURES

- High-output micro emitter mounts inside A/V component
- Adhesive-backed for easy mounting
- Neat, tamper-proof IR control solution
- Non-retail packaging

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IR DISTRIBUTION

Sensors "receive" IR data. Emitters "transmit" IR data. So how does one get this data from point A to point B? Quite easily, actually. In addition to offering a complete line of multi-room controllers that route IR to and from any room in the house, ELAN offers a comprehensive line of stand-alone IR Distribution Hubs that accommodate anything from basic IR repeater systems to multi-zone distribution scenarios.

IRD2 PASSIVE IR CONNECTION BLOCK

ORDER NO. IRD2

Note: only 3.5 mm quad "mini" plugs can be connected to the 3.5 mm IR Sensor input jack of the IRD2. If the IRD2 is to be connected to the IR output of any other ELAN product, use only the 3.5 mm quad-to-mono interconnect cable included with the IRD2.

For basic IR repeating systems, this 1-input by 2-output Passive IR Connection Block provides a quick and easy means for connecting an ELAN IR Sensor and two IR Emitters. Current-sharing resistors at each emitter jack allow any combination of single- or dual-emitters to be used. The STATUS input jack allows you to monitor the ON/OFF condition of systems components (PWR2 Power Supply required for status feedback).

FEATURES

- Quick & easy connection for 1 ELAN IR Sensor & 2 ELAN IR Emitters
- Great for basic IR repeater systems
- STATUS input jack tells if system is ON or OFF
- Quad "mini" plug-to-mono "mini" plug cable for ELAN controller IR output port applications (incl.)
- Strong adhesive backing for mounting on any flat surface
- Non-retail packaging

IRD4 AMPLIFIED IR DISTRIBUTION BLOCK

ORDER NO. IRD4

Note: only 3.5 mm quad "mini" plugs can be connected to the 3.5 mm IR Sensor input jack of the IRD4. If the IRD4 is to be connected to the IR output of any other ELAN product, use only the 3.5 mm quad-to-mono interconnect cable included with the IRD4.

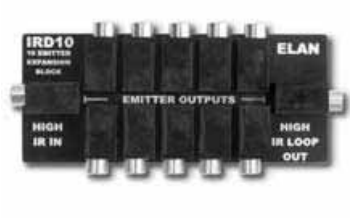
The ELAN IRD4 is the heart of any stand-alone IR distribution system. This amplified IR distribution block can connect quad-plug or bare-lead ELAN IR Sensors in one or more rooms and output their signals to up to four IR emitters. The IRD4's robust, wide-bandwidth amplifier incorporates reverse voltage protection so that it has the ability to drive both miniature- and high-output emitters simultaneously. And the IRD4 is expandable! Up to ten IRD4s can be linked together to create a distributed IR system that encompasses every room in the house.

FEATURES

- Amplified hub for stand-alone IR distribution systems
- Easy connection of both quad-plug & bare-lead ELAN IR Sensors
- 4 outputs jacks handle both high- & low-output IR emitters
- Expandable! Link up to ten IRD4s together for large systems
- Mounts on any flat surface (mounting screws included)
- Quad-to-mono "mini" plug cable included for ELAN controller applications
- Requires PWR2 or PWR3 Power Supply, depending on scope of system
- Full-color retail box

IRD10 PASSIVE IR EMITTER EXPANSION BLOCK

ORDER NO. IRD10



For use with the IRD4, this simple-to-use emitter expansion block allows you to expand the number of IR output ports in any system. Connecting the IRD10 to the high output emitter port of an IRD4 Amplified IR Distribution Block allows you to add up to ten additional IR emitters per IRD10 to the system for source control. The IR high-output loop port of the IRD10 allows you to add up to four additional IRD10s for a total of 50 emitters. The IRD10 even comes with a 1-foot interconnect cable for quick and easy connection.

FEATURES

- Connects a single IR output to up to 10 IR Emitters
- Add more Emitters to an IRD4 Amplified IR Connection Block
- Ideal for expanding ELAN IR "ALL" Port capabilities
- Link up to five IRD10s using the high-output loop port
- 1-foot 3.5mm "mini"plug interconnect cable included
- Non-retail packaging

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IRDKIT IR DISTRIBUTION KIT

ORDER NO. IRDKIT

With full-color retail packaging standard, the IRDKIT is the ideal off-the-shelf product for consumers who like to "do-it-themselves". The IRDKIT contains everything needed for a basic IR repeater system—a tabletop IR sensor, four IR emitters and the IRD4 Amplified IR Distribution Block with power supply.

FEATURES

- 1 box—everything you need!
- Kit includes:
  - (1) IRS5 plasma-friendly tabletop IR Sensor
  - (4) IRE2 'talk back' IR Emitters
  - (4) IR Emitter Shields
  - (1) IRD4 Amplified IR Distribution Block
  - (1) Quad "mini"plug-to-mono "mini" plug cable for ELAN controller IR output port applications
  - (1) PWR2 12VDC/200mA Power Supply
- Full-color retail box standard

IRD4Z 4-ZONE IN-WALL IR DISTRIBUTION BLOCK (FORMERLY IRZ)

ORDER NO. IRD4Z

Ideal for receiver-based multi-room systems, this single-gang Decora®-style IR connecting block can power up to 12 IR sensors or keypads, creating a four-zone IR repeater system with three sub-zones each. The zoned routing accommodates multiple same-model receivers without IR cross talk. The IRD4Z can also be used as a 1-In x 6-Out powered IR Distribution Block. Two IR "ALL" ports can be used to control common sources in the system.

FEATURES

- 4-zone IR emitter output ports
- 2 IR "ALL" ports to control common source equipment
- 100kHz IR pass-through bandwidth
- Can power up to 12 IR sensors or keypads (3 per zone)
- Installer-friendly receiver power status & IR activity indicators
- 11VAC power supply included
- Available in white
- Non-retail packaging

IRD6Z 6-ZONE IR DISTRIBUTION HUB (FORMERLY Z080)

ORDER NO. IRD6Z

The IRD6Z is the power, IR routing and status-sensing hub for keypads and IR sensors used in stand-alone A/V distribution systems. The IRD6Z can control up to six stereo receivers, each with dedicated Keypads and/or IR Sensors. Two IR "ALL" ports with dipswitch-selectable Hi/Lo emitter settings can control the common sources in this system. Power On/Off status of multiple receivers is sensed via the use of PWR9 Status-Sensing Power Cubes plugged into the switched outlets of each receiver.

FEATURES

- 6-zone hub for stand-alone systems
- 6 Zone-specific IR emitter output ports
- Two IR "ALL" ports to control common source equipment
- Powers up to 12 keypads or IR sensors
- Installer-friendly receiver power status & IR activity indicators
- 11VAC Power Supply included
- Receiver ON/OFF status feedback (PWR9 Status-Sensing Power Cubes sold separately)
- Non-retail packaging

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IR ACCESSORIES

Important accessories that complete ELAN's IR Control product line.

IRIC IR INTERCONNECT CABLE (FORMERLY IR2043)

ORDER NO. IRIC

Note: The IRIC IR Interconnect Cable can not be used with the IRD4 Amplified IR Distribution Block. For connecting the IRD4 to any ELAN IR output, use the 3.5 mm quad-to-mono interconnect cable that is included with the IRD4.

The IRIC is a 3.5 mm mono "mini"plug interconnect cable that is used for IR connections between ELAN multi-room controller IR output ports and any source that has a 3.5 mm IR input jack. Ideal for use with the ELAN Z•880 Video Controller, VIA!®dj Digital Music Servers and the DTNR Dual Digital Tuner. Also perfect for routing the trigger outputs of ELAN multi-room controllers to ELAN amplifiers, Z•Fans, and the Z•Power Controller.

FEATURES

- Plug-and-play cable for direct IR jack connections between components
- 3.5 mm plug-to-3.5 mm plug, 2 m length
- Available in packages of 6
- Not for use with the IRD4 Amplified Distribution Block
- Non-retail packaging

IRXC 15' IR SENSOR EXTENSION CABLE

ORDER NO. IRXC

This 15-foot cable provides a quick and easy means of extending the cable length of any ELAN quad-plug ELAN IR Sensor.

FEATURES

- Extends IR Sensor cables 15 ft
- Compatible with IRS1, IRS3, IRS5 & IRS7EP plasma-friendly sensors
- Full-color retail box standard

IRYC IR EMITTER "Y" CABLE

ORDER NO. IRYC

Designed specifically to allow you to control one source from two independent IR outputs, the IRYC is a one foot long "Y" cable that converts any ELAN IR Emitter into a dual-plug IR emitter. Internal diodes built into the IRYC prevent conflicts between IR outputs.

FEATURES

- 1-foot "Y" cable for dual-plug/ single-emitter applications
- Internal diode protection
- Non-retail packaging

PWR2 200mA, 12 VOLT DC REGULATED POWER SUPPLY

ORDER NO. PWR2

For use with the IRD4 Amplified IR Distribution Block IR, this regulated 200mA power supply is capable of powering the IRD4 and all the sensors and emitters connected to it. Full-color retail box is standard.

PWR3 2.1A, 12 VOLT DC REGULATED POWER SUPPLY

ORDER NO. PWR3

For larger distributed IR systems, this regulated 2.1 amp power supply will handle up to ten IRD4s and all the sensors and emitters connected to them. Full-color retail box is standard.

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VIDEO SYSTEMS

High-quality video—anywhere—at the touch of a button. From matrix video switchers to miniature color CCTV cameras and digital modulators, ELAN video products show it all.

Z•880 VIDEO CONTROLLER

ORDER NO. Z880

Also Available in 19 in. Rack-Mount Version, Model Z•881, and 230VAC Versions, Models Z•880230/Z•881230

The Z•880 is one of the most versatile high-performance composite video switchers on the market today.

In an S6 or Z•630 system, the Z•880 can be used to access any A/V source from any zone. When using VIA! Touch Panels, the Z•880 is an essential component that allows viewing up to eight video sources on each VIA!® panel! Since it is IR and RS-232 controllable, the Z•880 is the perfect video switcher for any stand-alone commercial or security application. It can even be added to an S12 to expand its on-board video switching capabilities.

With the Z•880, each one of eight outputs can independently select any one of the eight video sources. Wideband switch matrix and video line drivers are placed on a premium, double-sided flooded ground-plane circuit board. This ensures that the highest quality video and cross talk performance specs are maintained. All of this means crystal clear video distribution—even to TVs located up to 500 feet away!

User/Installer-friendly LED readouts, 75 Ohm/Hi-Z input dipswitches, and RS-232 baud rate selectors provide many application opportunities for this unit.

Control interfaces include front panel IR receiver, rear panel IR Input, RS-485 and RS-232 Serial Control Data Links.

Set up of the Z•880 is easy using the "AutoBuild" feature on ELAN VIA!TOOLS set-up software, which automatically assigns the Z•880's video switching to audio inputs on ELAN Multi-Room Controller.

Link up to three Z•880s together to create an 8 x 24 video switch matrix under IR or RS-232 control. Three units can also be linked together to create an 8 x 8 component video switcher.

The Auto Track button on the Z•038 remote (optional), synchronizes all outputs to the system controller.

FEATURES

- 8 x 8 Composite Video Switcher
- Perfect for standalone surveillance applications
- Only 1 rack-space high
- IR or RS-232 controllable
- Control Interfaces:
  - Front panel IR receiver
  - Rear panel 3.5 mm IR input
  - Rear panel RS-485 input compatible with the Z•630 Multi-Room Controller RS-485 bus
  - RS-232 Interface: 9600/19200 baud rate, dipswitch selectable
  - Optional Z•038 handheld remote control

SPECIFICATIONS

Inputs:
8 composite video, 1V p-p nominal
Input Impedance: .....75 Ohms or Hi-Z

Outputs:
8 composite video (expandable to 24 outputs with 3 Z880s)

Output Impedance: .....75 Ohms
Video Gain: .....0dB Nominal
Freq. Resp.: .....+/-1.0dB, DC to 35MHz
Bandwidth: .....DC to 35MHz min.
Chrominance to Lum. Delay: .....<10nSec
S/N Ratio: .....>60dB
Differential Phase: .....<1°
Differential Gain: .....<1%
Short Time Distortions: .....1 NRE
Crosstalk: .....>70dB
Power Requirements: 120VAC, 25W
230VAC, 25W

Dimensions

Z•880: .....(in.) 17 W x 2-1/4 H x 10 D
(mm) 432 W x 58 H x 254 D
Z•881: .....(in.)19 W x 1-3/4 H x 10 D
(mm) 483 W x 45 H x 254 D
Weight: .....10 lbs/4.5 kg
ETL® listed & CE approved

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VIA!®QUAD 4-CHANNEL COLOR QUAD PROCESSOR

ORDER NO. VIAQUAD

NTSC and PAL compatible

Front door, back door, poolside, nursery... the VIA!®QUAD allows monitoring up to four CCTV security cameras at the same time on any VIA! Touch Panel, TV or monitor in the home. The VIA!QUAD has four different viewing modes, all of which are easily accessed with a simple touch on a VIA! Touch Panel. Quad mode allows the user to view four different video feeds at the same time. Picture-in-picture (PIP) mode displays two images, and the PIP insert can be moved around to any portion of the screen. Full screen mode fills the entire screen with one image. And Scan mode allows switching between all four video feeds automatically.

VIA!QUAD features two composite video outputs. One is used for house-wide distribution. The other can be sent to a VCR or DVR for recording. A separate VGA output can be used for a dedicated surveillance monitor. Each video input has independent brightness, contrast, saturation and hue adjustments. There are also motion detect and video loss alarms for enhanced security monitoring, as well as freeze/zoom functions for enhanced viewing. Channel naming, date and time display ensures that the user knows where and when things are happening or have happened.

ELAN VIA!TOOLS Dealer Setup Software includes special point-and-click source setup options that make programming the VIA!QUAD quick and easy!

In addition to VIA! Touch Panels, any TV or monitor in the home can be used to view VIA!QUAD video. The unit comes with a simple-to-use handheld remote that controls what and how something is seen from any room that has an IR receiver. From a touch panel in the kitchen, to a plasma TV in the home theater, see what's happening in and around the house with VIA!QUAD.

FEATURES

- View up to 4 video feeds simultaneously on any VIA!® Touch Panel, TV or monitor
- Four viewing modes: quad, PIP, full screen & scan
- Freeze/Zoom functions
- Motion detect & video loss alarms
- Channel naming, date & time display
- Horizontal image mirroring
- Event lists
- Adjustable brightness, contrast, saturation & hue for each input
- Handheld remote control included
- NTSC & PAL compatible

SPECIFICATIONS

Composite Video Inputs: .....(4) 1V p-p

Composite Video Outputs: .....(2) 1V p-p

VGA Outputs: .....(1) 0.7V p-p

Power Supply: ...100VAC - 240VAC Input 50-60 Hz, 12VDC @ 1.5A Output

Video Output Specifications:

NTSC 720 x 480/15.75 kHz to 31.5 kHz

PAL 720 x 560/15.625 kHz to 31.25 kHz

Dimensions

(in.) 7-3/4 W x 1-1/2 H x 5-1/2 D

(mm) 197 W x 38 H x 140 D

Weight: .....2 lbs/.9 kg

Perfect for use with ELAN Color CCTV Cameras & Door Stations:

- **DSC2000** Door Station w/Color CCTV Camera
- **DC2000** Color CCTV Door Camera w/Face Plate
- **CAM5000** Stand-alone Color CCTV Camera
- **CAMKIT** Ceiling Flush/Surface-Mount Kit for ELAN CCTV Cameras

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MOD4000 4-CHANNEL DIGITAL MODULATOR

ORDER NO. MOD4000

The ELAN MOD4000 is a 4-channel, digitally-tuned video modulator that converts any baseband video and audio signal to UHF or Ultraband CATV. The internal quartz crystal reference oscillator and PLL circuitry ensure drift-free performance. Any TV connected to the output via coax cable can receive any of the four signals when the TV is tuned to the proper channel.

FEATURES

- 4-channel digital modulator
- Digital tuning
- Drift-free operation

SPECIFICATIONS

Inputs:
- Video: .....1V p-p @ 75 Ohms
- Audio: .....1 Vrms @ 47k Ohms (L & R inputs combined for monaural)

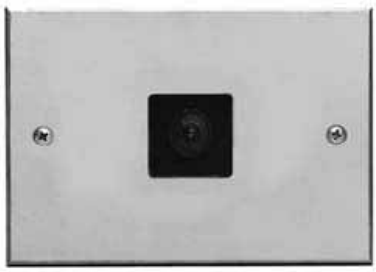
Performance:
- Differential Gain: 4%
- Differential Phase: .....<40
- Signal-to-Noise: 55dB

RF Output:
- UHF: .....channel 14-64
- CATV: .....channel 65-125 (excl 95-99)
- Output Level: .....+25dBmV (85dBuV)
- IM Distortion: -60dBC
- Alternate Channel: ....-45dBC @ 12MHz

Power Supply: .....15VDC @ 900mA (incl.)

DC2000 HI-RES COLOR DOOR CAMERA w/FACEPLATE

ORDER NO. DC2000



Also available in PAL Version

The DC2000 is a stand-alone color high-res CCTV camera mounted to a brass, chrome or ivory faceplate. It can be used by itself wherever an attractive, flush-mount, color camera might be needed, or in conjunction with a DS1500/DS1550 Door Station.

The DC2000 features a high-resolution, low lux, 1/3 in. CCD imager that provides clear pictures even under low light conditions. The built-in auto iris ensures optimal picture on bright sunny days without "blooming" or "washouts". The fixed focal-length lens has a horizontal viewing angle of 120 degrees and a vertical viewing angle of 100 degrees with minimal "fish eye" distortion.

Each custom faceplate is made from 0.4 in. solid brass with a tarnish-proof zirconium nitride finish and matches the DS10/20/30 Door Station Faceplates.

Like the DS1500/DS1550 and the DSC2000, the DC2000 uses our standard Door Station Rough-In Bracket (DBK1000).

FEATURES

- Lo-lux/high-res all-weather color camera
- Wide viewing angle
- Auto Iris
- Tarnish-proof faceplates match DS1500/DS1550 Door Stations
- Fits in DBK10006P Rough-In Bracket

SPECIFICATIONS

- Imager: .....1/3 in. CCD
- Auto Iris: .....1/50 – 1/100,000 sec.
- Lux: .....0.5 min.
- Resolution: .....480 TV lines
- Horizontal Viewing Angle: .....120°
- Vertical Viewing Angle: .....100°
- Swivel: .....+15°/-15° left to right
- Video Output: .....1V peak-to-peak
- Video Output Impedance: .....75 Ohms
- Power Requirements: ...12VDC @ 130mA (camera power supply & swivel mounting base incl.)
- Wiring Requirements: .....18AWG, 2 conductor (for power), RG-6 or RG-59 (for video), max. 200 ft.

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CAM5000 COLOR CCTV CAMERA

ORDER NO. CAM5000

Also available in PAL Version (Order No. CAM5000PAL)

The CAM5000 is a miniature color CCTV camera that can withstand all the elements—including salt air, direct rain, sleet and snow.

The CAM5000's high-resolution, low-lux, 1/3 in. CCD imager provides clear pictures even under low light conditions. The built-in auto iris ensures optimal picture on bright sunny days without "blooming" or "washouts". The fixed focal-length lens has a horizontal viewing angle of 120 degrees and a vertical viewing angle of 100 degrees with minimal "fish eye" distortion.

The CAM5000 comes with an easy-to-adjust swivel mounting base that can be mounted just about anywhere and allows pointing the camera in any direction.

SPECIFICATIONS

Imager: .....1/3 in. CCD
Auto Iris: .....1/50 – 1/100,000 sec.
Lux: .....0.5 min.
Resolution: .....480 TV lines
Horizontal Viewing Angle: .....120°
Vertical Viewing Angle: .....100°
Swivel: .....+15°/-15° left to right
Video Output: .....1V p-p
Video Output Impedance: .....75 Ohms
Power Requirements: ...12VDC @ 130mA (camera power supply & swivel mounting base incl.)
Wiring Requirements: ..... 18AWG, 2 conductor (for power), RG-6 or RG-59 (for video), max. 200 ft.

CAMKIT DOME CAMERA KIT

ORDER NO. CAMKIT

ELAN's Dome Camera Kit is designed to enhance the installation options of the CAM5000 Color CCTV camera.

Available in black (CAMKITb) or white (CAMKITw), each Dome Camera Kit provides flush- or surface-mount options for discrete, attractive CCTV camera installations. Use the flush-mount option for a stealthy, low profile camera installation. The surface-mount option is ideal for retrofit applications. Everything for both installation methods (except the camera, which is sold separately) is included in each kit.

FEATURES

- Dome Camera Kit for CAM5000 Color CCTV Camera
- Flush- & surface-mount options in each kit
- Low-profile/small size
- Easy assembly
- Available in white & black

More Video Products from ELAN...

SYSTEM12

In addition to being an 8-zone multi-room controller, the S12 has a 16 x 16 matrix video switcher built right in! See MULTI-ROOM CONTROLLERS, pgs. 13-14.

DSC2000

The DSC2000 features a miniature color CCTV camera integrated w/a full duplex door station. See COMMUNICATIONS SYSTEMS, pg. 61.

SW VIDEO

ELAN offers a complete line of video distribution amplifiers, hubs & splitters. See STRUCTURED WIRING, pgs. 83-92.

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ELAN has always prided itself on being a one-stop-shop for all its Dealers' custom installation needs. Now, with the SW line of structured wiring products, ELAN truly is. From wire management centers, to telephone, data and video distribution hubs, ELAN has everything you need to connect all the dots.

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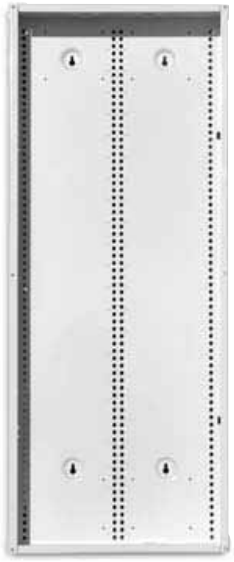
ENCLOSURES, ENCLOSURE COVERS & ACCESSORIES

Available in four sizes to suit all your needs, each UL®- or ETL®-listed SW enclosure features a grid mounting pattern that allows you to quickly install ELAN SW Data, Telephone and Video distribution modules.

E36 36" ENCLOSURE

ORDER NO. E36



The largest of the SW enclosures, the E36 is constructed from 16-gauge galvanized steel and has a built-in grid for the mounting of ELAN SW modules. This UL-listed enclosure fits in a standard 16 in. (on-center) stud bay and has eight 2 in. and three 3/4 in. knockouts for cable routing. Two vertical rows of 70 grid spaces accommodate a plethora of SW Data, Telephone and Video Modules as well as the MAC24 Music and Communications Center (see pg. 93). The E36 also features a single-gang box knockout and adjustable side mounting tabs.

FEATURES

- 36 in. high enclosure
- 2 columns of 70 grid spaces per column (total 140 grid spaces)
- Moveable side mounting tabs accommodate 3 drywall thicknesses
- Fits between standard 16 in. (on center) studs
- Accepts AC4 outlet box accessory & ECS cable spacer (see pg. 82)
- (8) 2 in. & (3) 3/4 in. knock outs
- 16-gauge galvanized steel
- C36 & C36H Enclosure Covers sold separately
- Available in white only
- UL® Listed

Dimensions
(in.) 14-1/4 W x 36 H x 3-13/16 D
(mm) 362 W x 915 H x 97 D

C36 36" ENCLOSURE COVER

ORDER NO. C36

This galvanized steel cover for the E36 enclosure installs easily with four screws (provided) and is vented at both top and bottom.

FEATURES

- Cover for E36 Enclosure
- Installs easily
- Top & bottom vents
- 16-gauge galvanized steel
- Available in white only

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C36H 36" HINGED ENCLOSURE COVER

NEW!

ORDER NO. C36H

This hinged door kit provides an injection-molded, light-weight, yet durable enclosure cover for easy access to components in the E36 structured wiring enclosure. The door kit adds an additional 1 in. of depth to the enclosure, allowing for larger power supplies to be used when an AC4 Duplex Outlet Box is installed in the enclosure. Component cooling is also improved with increased ventilation over standard enclosure covers. A snap-action lock retains the door to the door frame when closed.

FEATURES

- Hinged door kit for E36 Enclosure
- Quick & easy installation
- Increased ventilation over standard enclosure cover
- Provides additional 1 in. of depth to the enclosure
- Injection molded plastic
- Available in white only
- UL® listed

E32 32" ENCLOSURE (FORMERLY ELAN B2000)

ORDER NO. E32

This 32 in. SW enclosure is molded from impact-resistant ABS material and meets UL 94V-0/5VA flame-retardant ratings. The E32 provides years of long-lasting protection for SW components, as well serving as a wire management center and distribution hub for just about any other A/V distribution components an installer would want to add.

The patented top entry "Wire-Gater" and clamping bar ensure a clean, finished look to the wire dress. Multiple top and bottom circular knock-outs accommodate various wire clamp sizes. The E32 fits between 16 in. (on center) studs for a clean flush-mount finish. Staggered mountings "ears" allow multiple E32s to be placed in adjacent stud bays. Alternatively, the E32 can be mounted directly to the surface of any finished wall.

G32 32 in. Mounting Grid required for mounting SW Data, Telephone and Video Distribution Modules.

FEATURES

- 32 in. high enclosure
- Molded from impact resistant ABS material
- Patented "Wire-Gater" for clean wire dress
- Top knockouts: (4) 1-3/8 in., (2) 1-1/8 in., (4) 3/4 in.
- Bottom knockouts: four 1-3/8 in., seven 1-1/8 in., two 3/4 in.
- Accepts AC4 outlet box accessory & ECS cable spacer
- Flush or surface mountable (must be surface mounted on firewalls)
- UL 94 V-0/5VA flame retardant rated for use in non-fire-rated walls
- G32 Mounting Grid & C32 Enclosure Cover sold separately
- UL® listed

Dimensions

Enclosure Exterior:
(in.) 14-3/8 W x 32-1/4 H x 4 D
(mm) 366 W x 820 H x 102 D

Enclosure Interior:
(in.) 13 W x 26-1/2 H x 3-1/4 D
(mm) 330 W x 674 H x 83 D

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G32 32" MOUNTING GRID

ORDER NO. G32

The G32 Mounting Grid fits into the E32 Enclosure to provide a total of 108 grid spaces to mount ELAN SW Data, Telephone and Video Modules, as well as the MAC24 Music & Communications Center.

With two vertical rows of 54 grid spaces, it's easy to configure any combination of SW components for easy termination, access and service.

FEATURES

- Fits in E32 Enclosure
- Easy to install
- 2 columns of 54 grid spaces per column (total 108 grid spaces)
- 16-gauge galvanized steel
- Available in white only

C32 32" ENCLOSURE COVER (FORMERLY ELAN C2000)

ORDER NO. C32

Molded from impact-resistant ABS resins, this neutral colored cover for the E32 provides a high-quality, finished look to the structured wiring center.

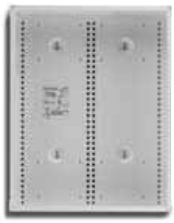
Made from flame-retardant 94V-0/5VA ABS plastic, the C32 has a textured finish with top and bottom ventilation grills. Four plastic lock-down screws and wire identification label included.

FEATURES

- Cover for E32 Enclosure
- Textured finish
- Heat ventilation grills
- Wire identification label
- 94V-0/5 VA rated
- Available in white only
- ETL® listed

E18 18" ENCLOSURE

ORDER NO. E18



Constructed from 16-gauge galvanized steel, the E18 Enclosure has a built-in grid for the mounting of ELAN SW Modules. This UL®-listed enclosure fits in a standard 16 in. (on-center) stud bay and has eight 2 in. and four 3/4 in. knockouts for cable routing. Two vertical rows of 34 grid spaces accommodate multiple SW Data, Telephone and Video Modules as well as the MAC24 Music Communications Center. The E32 also features a single-gang box knock out and adjustable side mounting tabs.

FEATURES

- 18 in. high enclosure
- Movable side mounting tabs
- (8) 2 in. & (4) 3/4 in. knockouts
- 2 columns of 34 grid spaces per column (total 68 grid spaces)
- Single-gang box knock out
- Accepts AC4 outlet box accessory & ECS cable spacer (see pg. 82)
- 16-gauge galvanized steel
- C18 & C18H Enclosure Covers sold separately
- Available in white only
- UL® listed

Dimensions
(in.) 14-1/4 W x 18 H x 3-13/16 D
(mm) 362 W x 458 H x 97 D

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C18 18" ENCLOSURE COVER

ORDER NO. C18

This galvanized steel cover for the E18 Enclosure installs easily with four screws (provided) and is vented at both top and bottom.

FEATURES

- Cover for E18 Enclosure
- Installs easily
- Top & bottom vents
- 16-gauge galvanized steel
- Available in white only

C18H 18" HINGED ENCLOSURE COVER NEW!

ORDER NO. C18H

Designed to be used with the E18 structured wiring enclosure, the C18H is an injected-molded, hinged door kit that provides easy access to components in the E18. It also adds an additional 1 in. of depth to the enclosure, which allows for larger power supplies to be used when an AC4 Duplex Outlet box is installed in the enclosure. The door is retained to the door frame with a snap-action lock. Component cooling is also improved with increased ventilation over standard enclosure covers.

FEATURES

- Hinged door kit for E18 Enclosure
- Quick & easy installation
- Increased ventilation over standard enclosure cover
- Provides additional 1 in. of depth to the enclosure
- Injection molded plastic
- Available in white only
- ETL® listed

E10 10" ENCLOSURE

ORDER NO. E10

Ideal for basic or specialized distribution applications, this 10 in. surface-mount grid can accommodate up to three SW modules and can be mounted over single or double-gang openings.

FEATURES

- Easy installation
- Vertical or horizontal mounting
- Surface mounts over single- or double-gang openings
- 16-gauge galvanized steel
- C10 Enclosure Cover sold separately
- 19 grid spaces
- Available in white only
- ETL® listed

Dimensions

(in.) 6-1/2 W x 10-1/8 H x 1/2 D
(mm) 166 W x 258 H x 13 D

C10 10" ENCLOSURE COVER

ORDER NO. C10

This galvanized steel cover for the E10 simply snaps on over the 10 in. grid and is deep enough to clear any SW grid-mounted module.

FEATURES

- Snaps directly on to E10 Enclosure
- Deep enough to fit over SW module
- 16-gauge galvanized steel
- Available in white only

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AC4 DUPLEX OUTLET BOX

ORDER NO. AC4

The AC4 Duplex Outlet Box brings AC power inside the E36, E32 and E18 Enclosures and gives the installer a clean, easily accessible location to mount power adaptors. This UL® listed accessory can mount in any corner of the enclosure using the screws provided.

FEATURES

- Fits in E36, E32 & E18 Enclosures
- Mounts at top or bottom, left or right of enclosure
- Accommodates 2 duplex AC outlets: 4 outlets total (not incl.)
- UL® listed

ECS ENCLOSURE CABLE SPACER

ORDER NO. ECS

The ECS Cable Spacer fits in SW E36 and E18 Enclosures and is designed to lift SW modules 1 in. above the enclosure's grid, leaving room behind it for easy wire management.

FEATURES

- Connects to the grid pattern on E36 & E18 Enclosures
- Lifts modules one in. above grid
- Adds wire management capability
- Increases usable space
- Compatible w/E36 & E32 SW Enclosures only

ECT ENCLOSURE COUPLING TUBE

ORDER NO. ECT

For use with the E36 and E18 Enclosures, these 2 in. conduit-size coupling tubes allow the installer to neatly run cables between stacked SW Enclosures.

FEATURES

- 2 in. conduit size passes cables from enclosure to enclosure
- No limits to number of enclosures coupled
- Automatically spaces enclosures 2 in. apart
- Compatible w/E36 & E18 SW Enclosures only

EG2 2" ENCLOSURE GROMMETS

ORDER NO. EG2

These snap-in grommets fit in the 2 in. knockouts in E36 and E18 Enclosures, allowing for easy routing of cables thorough the knockouts without any rough, metal edges to damage cable insulation.

FEATURES

- Solid plastic grommets for 2 in. knockouts
- Easy routing of cables through knockouts
- Available in pkgs of 5

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SG48 SCREW & GROMMET MOUNTING KIT

ORDER NO. SG48

SG48 Screw Grommets mount in all ELAN SW Enclosures, allowing the installer to attach other products to the SW Grid. Uses standard #6x9/16 in. type A screws (provided). The kit includes 48 screws and grommets.

FEATURES

- Enables mounting of non grid-mount components inside ELAN SW Enclosures
- Contains 48 screws & grommets

SL40 SNAP LATCH REPLACEMENT KIT

ORDER NO. SL40

SL40 Snap Latches replace damaged latches on all ELAN SW Modules. The kit includes 40 plungers and 40 grommets.

FEATURES

- Replaces broken snap latches on ELAN SW Modules
- Contains 40 snap latch replacements

TELEPHONE/DATA DISTRIBUTION PRODUCTS

These products help keep you connected, and provide clean wiring for telephone and data "networks" within the home. A variety of products are available for maximum performance and versatility.

TH31SRG 4-LINE TELEPHONE HUB W/SURGE PROTECTION

ORDER NO. TH31SRG

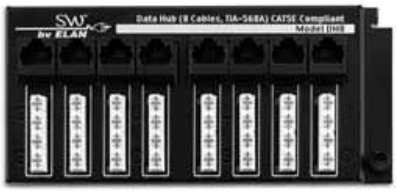
Have telephones, modems and fax machines? This is the SW Module to install at the head end of any phone system. The TH31SRG is a 4-line telephone hub with built-in surge protection, a master quick-disconnect/system test port and an RJ-31X jack for alarm system connection.

FEATURES

- 4-line telephone hub
- Surge suppression for all 4 lines
- Master disconnect/system test port
- RJ-31X for connection to alarm systems
- LED status indicator (1 per telephone line) to warn of a surge event
- Each line individually surge protected to 50 Joules & 4000 Amps
- RJ-45 & 110 punch-down expansion ports
- RJ-45 jumper included
- 6 grid spaces

DH8 DATA HUB

ORDER NO. DH8



The DH8 is an 8-port data hub with certified 100 Base-T performance. The DH8 features eight RJ-45 jacks for the termination of Cat-5 data lines and eight 110 punch-down connector blocks to route services to wall plates throughout the home.

FEATURES

- 8-line data hub
- Certified 100 Base-T performance
- Cat-5 performance in a multi-port hub
- (8) RJ-45 jacks
- (8) 110 punch-down connectors
- 6 grid spaces

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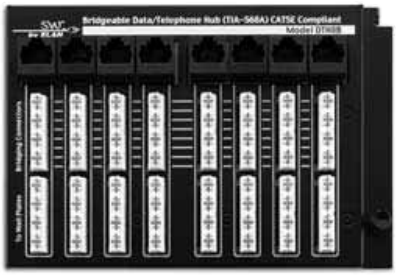
DTH8B BRIDGEABLE DATA/TELEPHONE HUB

ORDER NO. DTH8B



Configurable for both phone and/or data applications, the DTH8B is a certified 100 Base-T 8-port combination data and telephone hub. Eight RJ-45 jacks are available for the termination of Cat-5 data lines, while 110 punch-down connector blocks are used to route services to wall plates throughout the home. Use Cat-5 jumper cables to route services to wall plates in the appropriate rooms. As a telephone hub, the DTH8B can distribute up to four lines to eight telephone wall jacks. The bridging feature allows connection of any number of jacks together.

FEATURES

- Certified 100 Base-T performance
- Cat-5 performance in a multi-port hub
- Terminates 8 Cat-5 wires for phone or data
- 2 rows of 110 punch-down connectors
- RJ-45 connectors
- Circuits may be bridged
- Designed for use w/multi-line phone systems
- 9 grid spaces

TH412 RJ-45 TELEPHONE HUB

ORDER NO. TH412

The TH412 features RJ-45 jacks for the termination of up to 12 telephone wall plates. A 110 punch-down connector makes it easy to connect up to 4 incoming telephone lines, and the expansion ports allow for the instant connection of additional TH412s if more extensions are needed.

FEATURES

- Distributes 4 telephone lines to 12 locations
- 12 RJ-45 jacks for easy connections
- 110 punch-downs for incoming lines
- RJ-45 expansion ports allow for easy connection of multiple TH412s
- 6 grid spaces

TH46 TELEPHONE MASTER HUB

ORDER NO. TH46

This master telephone service hub accepts up to 4 lines and has 110 punch-down connector outputs for the termination of 6 telephone wall plates. The TH46 also features an RJ-31X for the quick connection of security panels and an RJ-45 expansion port for the addition of a TH48 Telephone Expansion Hub.

FEATURES

- Telephone service for 4 lines
- (6) 110 punch-down connectors for wall plates
- RJ-31X security panel connection
- Expansion port
- 6 grid spaces

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TH48 TELEPHONE EXPANSION HUB

ORDER NO. TH48

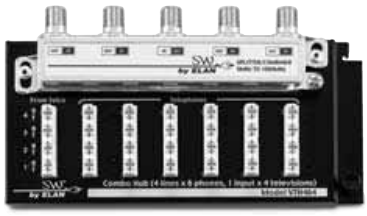
The TH48 is an expansion telephone hub that allows the addition of eight more telephone wall plate connections. A Cat-5 jumper is included for easy connection to the TH46 Telephone Master Hub. An output expansion port ads even more TH48s to the system.

FEATURES

- Expansion module for the TH46
- Distributes 4 lines to 8 locations
- 110 punch-down connectors
- Cat-5 jumper included for connection to TH46
- RJ-45 expansion port for multiple TH48s
- 6 grid spaces

VTH464 VIDEO/TELEPHONE HUB

ORDER NO. VTH464



Need a simple means to distribute both RF and telephone? The VTH464 combines a 4-way 1GHz RF splitter/combiner with a 4-line/6-location telephone hub in one module.

FEATURES

- Combination video & telephone hub
- 4-way 1GHz RF splitter/combiner
- Distributes 4 telephone lines to 6 locations
- 110 punch-down connectors
- 6 grid spaces

TBK2000 DATA-GRADE TELEPHONE PUNCHDOWN BLOCK

ORDER NO. TBK2000

The TBK2000 provides an inexpensive way to terminate and cross-connect Cat-5 communications wire. The unique IDC connectors accommodate two wire punchdowns at each station. This double termination feature allows easy daisy chaining of connections or quick additions to a line.

The connector is EIA/TIA-568 and TSB-40 qualified, rated for data speeds up to 155 MBPS when wired point-to-point.

Available in two versions, the TBK2000L is pre-laced for telephone line distribution. The TBK2000U is unlaced, and can be configured for point-to-point data or telephone system phone extension wiring.

FEATURES

- Cat-5 rated for point-to-point twisted pair wiring
- Isolated 5 pair inputs
- 10 station outputs can accept 2 wire punchdowns, accommodating up to 18 telephones
- Uses standard 110 punchdown tool
- Available unlaced (TBK2000U) & pre-laced (TBK2000L)
- Not compatible w/SW grid-mount enclosures.

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VIDEO DISTRIBUTION PRODUCTS

Have access to all video from anywhere in the home. Each and every room can display high-quality video from VCRs, satellite receivers, TVs, cameras and more, using these video "distribution" products.

VDA38B 3x8 BI-DIRECTIONAL RF DISTRIBUTION AMPLIFIER

ORDER NO. VDA38B

The VDA38B is the heart of any RF distribution system. This 3-IN by 8-OUT bi-directional RF distribution amplifier connects as many as eight televisions to cable or antenna while maintaining optimum signal strength to all TVs. It also has the capability of sending IR down each coax run for control of local TVs or video source components. The VDA38B is perfect for bi-directional cable systems, providing a 5-42MHz back channel for cable modems or interactive set-top boxes.

FEATURES

- 3 x 8 RF distribution amplifier
- Bi-directional – ideal for cable systems, cable modems or interactive set-top boxes
- Transmits IR down coax for local source control (CXIRWP Coax/IR Wall Plate required, see pg. 87)
- 5 grid spaces

SPECIFICATIONS

Gain:

CATV/Antenna port to output: 3dB

Modulator input to output: ..... -10dB

Output to CATV (reverse): .....-15dB

Isolation: ..... >35dB

Modulator input to CATV/Ant: 54-1000MHz fwd 5-42MHz reverse

Max CATV/Antenna input: .....20dBmV (+85dBuV)

Power supply : .....15VDC @ 300mA (incl.)

VDA38H 3x8 HIGH-HEADROOM RF DISTRIBUTION AMPLIFIER

ORDER NO. VDA38H

The VDA38H is a 3-IN by 8-OUT high-headroom RF distribution amplifier for antenna or uni-directional cable systems. It offers the highest headroom of any coax panel available on the market. Like the VDA38B, the VDA38H connects as many as eight televisions to cable or antenna while maintaining optimum signal strength to all TVs. It also has the capability of sending IR down each coax run for control of local TVs or video source components.

FEATURES

- 3 x 8 RF distribution amplifier
- High-headroom for off-air antenna applications
- Transmits IR down coax for local source control (CXIRWP Coax/IR Wall Plate required, see pg. 87)
- 5 grid spaces

SPECIFICATIONS

Gain:

CATV/Antenna port to output: 3dB

Modulator input to output: .....-10dB

Isolation: .....>80dB

Modulator input to CATV/Ant: ....5-1000 MHz fwd

Max CATV/Antenna input: .....20dBmV (+85dBuV)

Power supply : .....15VDC @ 300mA (incl.)

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CXIRWP COAX/IR WALL PLATE

ORDER NO. CXIRWP

The CXIRWP is a single-gang, Decora®-style wall plate that is used in conjunction with the ELAN SW VDA38B and VDA38H RF Distribution Amplifiers. The VDA38s have a built-in IR engine that transmits IR signals down each run of coax, allowing the installer to set up a simple IR control system for local sources. The CXIRWP "breaks out" the IR signal from the coaxial cable and provides 3.5 mm jacks for both an IR emitter and IR receiver. The VDA38 supports up to eight CXIRWP Wall plates, one per coax run. IR receivers or emitters may be connected to any or all CXIRWPs.

FEATURES

- Breaks out IR from coax for control of local sources
- F connector for video inputs
- 3.5 mm "mini" jacks for IR emitters & receivers
- LED power indicator
- Power supply (incl.)

VDA16B 1x6 BI-DIRECTIONAL VIDEO DISTRIBUTION AMPLIFIER

ORDER NO. VDA16B

The VDA16B Bi-directional Video Distribution Amplifier can route CATV or antenna signals to up to six TVs. For maximum flexibility the VDA16B has outputs for four short runs and two long runs. The VDA16B has a broadband 54-806MHz amplifier and a 5-42MHz reverse channel which is compatible with pay-per-view, interactive cable and cable modems.

FEATURES

- 1 x 6 bi-directional RF amplifier
- Reverse channel compatible w/pay-per-view, interactive cable & cable modems
- Independent outputs for long & short cable runs
- 6 grid spaces

SPECIFICATIONS

Typical @ 77°F ± 50°F (25°C ± 5°C)

	Long	Short
Output run distance	150 ft.	75 ft.
Gain		
CATV/Ant input to TV output:	4dB	1dB
TV output to CATV/Ant input: (5-42MHZ reverse channel)	-8dB	-12dB

Bandwidth
Forward: 54-806MHz
Reverse: 5-42MHz

Max CATV/Antenna input (64 channels): 20dBmV

Power supply: ....15VDC @ 300mA (incl.)

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VA20B BI-DIRECTIONAL RF AMPLIFIER

ORDER NO. VA20B

This bi-directional RF amplifier features 20dB of gain and a 5-40MHz return path, making it ideal for use in distributed CATV systems.

FEATURES

- +20dB of gain
- Bi-directional
- 5-40MHz return path
- Power supply (incl.)
- 6 grid spaces

SPECIFICATIONS

Bandwidth

Forward: 54-1000MHz
Reverse: 5-40MHz

Max. Output: 30dBmv (90dBuV)

Gain: .....20dB +/- 1.0dB

Power Supply with F connector (incl.): 12VAC

Dimensions

(in.) 3-1/2 W x 1-1/4 H x 2-1/2 D

(mm) 89 W x 32 H x 64 D

Operating Temp: .....32°F to 122°F

VA18 50-1GHz, +18dB RF AMPLIFIER

ORDER NO. VA18

The VA18 is a high-power, low-noise, low-distortion RF amplifier that is suitable for all off-air and uni-directional CATV applications as well as VHF (high and low), FM, Midband, Superband, Hyperband, Ultraband and UHF. It features flat response from 50Hz to 1GHz and has a gain of +18dB. The low distortion push-pull circuit design incorporates surface mount and strip line technologies for high reliability and small size. The VA18 comes with a set of mounting ears that allow it to be installed in any ELAN SW Grid System.

FEATURES

- Ideal for off-air, uni-directional CATV, VHF, FM, Midband, Superband, Hyperband, Ultraband & UHF
- SW grid mounting ears (incl.)
- Small footprint/high reliability
- For indoor use only
- 10 grid spaces

SPECIFICATIONS

Gain:.....18dB

Bandwidth: 50MHz-1GHz

Flatness: .....+/- 1.5dB

Max output @ all freqs

6 channels: 48dBmV
12 channels: 45dBmV
24 channels: 42dBmV
48 channels: 39dBmV
Noise figure: 5.5dB

Power supply: ....15VDC @ 600mA (incl.)

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VH4 4-WAY VIDEO HUB

ORDER NO. VH4

The VH4 is a bi-directional 4-way Splitter/Combiner with a 1GHz bandwidth mounted on an ELAN SW Grid-Compatible Bracket.

FEATURES

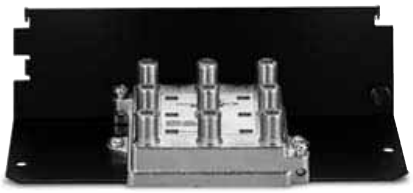
- Splits 1 signal to send to 4 coax runs
- Combines 4 signals onto 1 coax run
- 6 grid spaces

SPECIFICATIONS

Bandwidth: 1GHz
-130dB RFI rejection
Insertion loss: 9.0dB

VH8 8-WAY VIDEO HUB

ORDER NO. VH8



The VH8 is an 8-way Splitter with a 1GHz bandwidth mounted on an ELAN SW Grid-Compatible Bracket.

FEATURES

- Splits 1 signal to send to 8 coax runs
- 5 grid spaces

SPECIFICATIONS

Bandwidth: 1GHz
Insertion Loss: 12.0dB

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CAT5MOD SINGLE-CHANNEL CAT-5 MODULATOR

ORDER NO. CAT5MOD

The CAT5MOD is a dual-purpose module. It can be used as a simple single-channel modulator for any video source, or it can be used to receive both audio and video signals from a remotely located source down a single run of Cat-5 wire. It will distribute the signals to any TV or monitor (CAT5AVWP required, see below).

FEATURES

- Single-channel modulator
- Converts Cat-5 video & audio signals to line-level for distribution
- RCA jacks for direct connection of A/V component
- RCA jacks can be configured as inputs or outputs
- CAT5 Audio/Video Wall Plate (CAT5AVWP) sold separately
- 5 grid spaces

Specifications: Typical @ 25°C ± 5°C			
Inputs (Ports)	Video	1 Vp-p @ 75 Ω	
	Video termination (switch selectable)	75 Ω in normal mode (NORM) >1MΩ in loop through mode (LOOP)	
	Audio	1 V rms @ 47k Ω L & R inputs combined for monaural	
Video Performance	Differential gain	4%	
	Differential phase	<4°	
	Signal/noise	55dB	
RF Output	Standard	UHF	CATV
	Channel ranges	14-64	65-125 (excl. 95-99)
	Output level	+25dBmV (+85dBuV)	
	IM distortion	-60dBC	
	Alternate channel	-45dBC @ 12MHz	
Power Supply	Output current	600mA	
	Output voltage	15 VDC	
	Input power	105-125 VAC	

CAT5AVWP CAT-5 AUDIO/VIDEO WALL PLATE

ORDER NO. CAT5AVWP

The CAT5AVWP provides an easy way to send the video and audio of a local source (i.e. DSS receiver or DVD player in a bedroom) back to the "head end" where it can then be distributed around the home. The CAT5AVWP connects to the ELAN CAT5MOD, a single-channel modulator that uses a single run of Cat-5 wire in lieu of standard coax.

Note: The CAT5AVWP is not a standalone video interface. Use only with CAT5MOD Single-Channel Modulator.

FEATURES

- Sends local source audio & video down Cat-5 wire to the CAT5MOD
- Switchable 75 Ohm or Hi-Z termination & loop-through capability
- Single-gang, Decora®-style wall plate
- Available in white only

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SPLITTER/COMBINERS

The ELAN SW line of bi-directional 2-, 4- and 8-way Splitter/Combiners provide a 1GHz bandwidth and are ideal for antenna and coaxial cable operations. The splitter/combiner is one product that can be used for two applications. It can be used to split a signal from a source or combine signals from multiple sources onto one coax run.

SPL8

8-WAY SPLITTER

ORDER NO. SPL8

Replaces VDS2000

FEATURES

- Splits 1 signal to send to 8 coax runs
- Combines 8 signals onto 1 coax run

SPECIFICATIONS

Bandwidth: 1GHz
-130dB RFI rejection

Insertion Loss: 12dB

SPL4

4-WAY SPLITTER/COMBINER

ORDER NO. SPL4

Replaces VDS400

FEATURES

- Splits 1 signal to send to 4 coax runs
- Combines 4 signals onto 1 coax run

SPECIFICATIONS

Bandwidth: 1GHz
-130dB RFI rejection

Insertion Loss: 9dB

SPL2

2-WAY SPLITTER/COMBINER

ORDER NO. SPL2

Replaces VDS200

FEATURES

- Splits 1 signal to send to 2 coax runs
- Combines 2 signals onto 1 coax run

SPECIFICATIONS

Bandwidth: 1GHz
-130dB RFI rejection

Insertion Loss: 4dB

SW WALL PLATES

ELAN SW Wall Plates are designed for fast and simple connections of multiple telephone lines, data networks and video distribution systems. The Cat-5e data ports are compliant with TIA/EIA 568-A wiring standards for residential use. When properly installed, the jacks are designed for data transmissions in 10/100 Base-T systems and are ideal for high-speed Internet access from cable and DSL modems. The RJ-25 telephone ports are designed to handle up to 4 lines for connecting telephones, modems and fax machines. Individual phone lines will break out on separate jacks. All SW Wall Plates are of a single-gang Decora®-compatible design. Our SW Home Theater Wall Plates facilitate the trim-out of in-wall speaker wire runs in a home theater with neat, clean terminations.

SWDD

DUAL DATA WALL PLATE

ORDER NO. SWDD

FEATURES

- 2 Cat-5e RJ-45 data ports connectors in for quick termination & installation.
- Available in almond (a), ivory (i) & white (w)

SWDP

DATA/PHONE WALL PLATE

ORDER NO. SWDP

FEATURES

- 1 Cat-5e RJ-45 data port
- 4 RJ-25 telephone jacks that break out each line to an individual jack
- Available in almond (a), ivory (i) & white (w)

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SWPC

PHONE/COAX WALL PLATE

ORDER NO. SWPC

FEATURES

- 4 RJ-25 telephone jacks that break out each line to an individual jack
- 2 coax barrel connectors
- Available in almond (a), ivory (i) & white (w)

SWPDC

PHONE/DATA/COAX WALL PLATE

ORDER NO. SWPDC

FEATURES

- 2 RJ-25 telephone jacks that break out each line to an individual jack
- 1 Cat-5e RJ-45 data port
- 2 coax barrel connectors
- Available in almond (a), ivory (i) & white (w)

HTWP700

HOME THEATER WALL PLATE

ORDER NO. HTWP700

Updated for 7.1 Surround Sound Connections (formerly HT2000)

A best-seller for years, the HTWP700 (formerly the HT2000) has been redesigned for compatibility with 5.1, 6.1 and 7.1 surround sound systems. This double-gang wall plate features eighteen 5-way gold plated speaker binding posts for the connections of front, rear, surround and center channels. Connections for both passive and powered subwoofers are also provided.

FEATURES

- A quick, easy & professional-looking way to dress home theater speaker wire runs
- Gold-plated speaker binding posts for the connection of 5.1, 6.1 & 7.1 surround sound systems
- Powered & passive subwoofer connections
- Fits in a standard 2-gang box
- Available in white only

HTWP200 / HTWP100

DUAL SPEAKER WALL PLATE/SINGLE SPEAKER WALL PLATE

ORDER NO. HTWP200/HTWP100

HTWP200

HTWP100

The HTWP200 (formerly HT500) and HTWP100 (formerly HT100) provide an attractive way to connect house wiring to individual freestanding speakers or passive subwoofers. Gold-plated, color-coded binding posts accept up to 6AWG wire, spade lugs or banana jacks. The unobtrusive Decora®-style insert design fits in a single-gang box.

FEATURES

- Gold-plated binding posts
- Red & black color coded
- Decora®-style single-gang insert
- Available in white only

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MUSIC AND COMMUNICATIONS

Enjoy the luxury of music throughout your home and the convince of an in-home paging system, phone-to-phone intercom, door station communications, whole-house digital door chimes and much, much more with the MAC24 Music & Communications Center – all at a very affordable price.

MAC24 MUSIC AND COMMUNICATIONS CENTER

ORDER NO. MAC24

Updated for grid-mount enclosures (formerly AV-L2)

MAC stands for Music And Communications. 24 is the number of speakers you can connect to this amazing little amp to broadcast Music And Communications throughout the home. The MAC24 builds on tried and true technology while adding must-have features not available on any other system of its kind. ELAN offers a true audio distribution system that not only fits into an in-wall wire management center, but enhances a homeowner's lifestyle with built-in intercom features such as: whole-house paging, phone-to-phone intercom, door station communications and more.

The MAC24 is a true "bridging" stereo amplifier. Complimentary left and right audio signals are present on each of four outputs. This unique design allows simultaneous connection of both stereo pairs and monaural single speakers (up to 24 speakers total) and is ideal for background music, paging and door chime applications. This feature, coupled with the RCA line level outputs (to additional amplifiers for higher power listening areas), provides maximum flexibility in designing whole-house audio distribution systems.

The MAC24 includes "pro-audio" signal processing circuitry. A custom loudness EQ curve and rumble filter provide richer, fuller sound with in-wall speakers. "Clip-Proof" audio compressors guarantee clean, clear music.

ELAN's patented intercom and door chime features are built right in to the MAC24. Audio will automatically mute when the telephone rings. Paging from a telephone handset, or activation of either of its two door chimes, will mute the music and then be broadcast over the speakers. Band-limited paging inputs ensure consistent, intelligible pages with any voice over any touch-tone phone. 12VDC control signals are also available to power ELAN's patented Volume Controls with Override.

Built-in IR pass-through connections support up to 4 IR receivers and 4 IR emitters. No external IR connecting blocks are required.

The MAC24 is compatible with most telephone systems and local Call Waiting/ Caller ID services. It allows continuous phone service in the event of a power outage, and is FCC Part 68 approved.

Important Note:

The MAC24 should only be used with the following ELAN Volume controls:

- **VSO 35W Stereo Volume Control with Override**
- **VMO 35W Mono Volume Control with Override**
- **VS 35W Standard Stereo Volume Control**
- **VM 35W Standard Mono Volume Control**

Use of volume controls other than those stated above will lower the total number of speakers that can be connected to the MAC24 and may cause damage to the audio amplifier section. Additionally, ELAN volume controls with the override feature are required to ensure that page and door chimes are heard even if the volume controls are turned all the way down.

FEATURES

- Cost-effective multi-room audio & communications
- Connects up to 24 speakers
- Whole-house paging & door chimes, door station communication, phone-to-phone intercom & more
- Uses homeowners existing stereo receiver & touch-tone telephones
- Custom loudness EQ curve
- Clip-Proof audio circuitry
- Line-level output jacks for adding on additional rooms of music & communications
- Built-in powered IR connecting block & emitter driver
- Mounts in SW enclosures E36, E18 & E32 w/G32 grid
- **Telephone Control Features:**

  Whole House Page: .....#, P
  Music Mute: .....#, M
  Front Door Access: .....#, D
  Gate Latch Activation: .....#, D, 0
  Caller on Hold: .....#, H
  Phone to Phone Intercom: .....#, P, 0
  Page & hang up, caller still on hold

- **Door chimes:**
  Doorbell #1: .....3 note chime
  Doorbell #2: .....2 note chime
- **Includes:**
  Grid-mounted MAC24 Music & Communications Center

  MAC24IWP Music Input Wall Plate for connecting source components to the system

  3-outlet power strip for power cubes & other accessories
- ETL® listed

SPECIFICATIONS

Output Power: ...48 WPC RMS into 8 Ohms, 68 WPC peak music power

Maximum speaker load: .....(4) 8 Ohm stereo pairs w/8X volume controls & (8) 8-Ohm monaural speakers w/16X volume controls (24 total)

Freq. Resp: .....20–20kHz, +/-1.5 dB

Loudness EQ contour: .....+3dB @ 100Hz & 10kHz

Signal to Noise Ratio: 92dB

THD + Noise:..... <0.02%

Stereo Separation: .....>80dB

Line Level Outputs: .....0dB gain, flat EQ, page & doorbell summed in

Power Consumption: .....120VAC @ 1A

House phone battery voltage: 24VDC

C.O. Access Lines: .....1 per system

Number of grid spaces: .....25 x 2 rows (50 total)

(Please see important note at left)

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ACCESSORIES

Complete the systems with a wide assortment of ELAN accessories. In addition to high-quality audio, video and RJ-45 interconnect cables, ELAN offers the most unique and indispensable trim-out solutions in the world of custom A/V.

PS12 SYSTEM12 PRECISION PANEL

ORDER NO. PS12

The PS12 Precision Panel isn't just a convenient trim-out solution for the System12 (S12). With more sources, more zones and more built-in features than any other ELAN multi-room controller to date, the number of wire runs and system connections needed to get everything up and running smoothly makes the PS12 a necessity.

The rear panel of the PS12 features a neatly laid out array of all the 110 punch-downs necessary to ensure the quick, reliable connection of keypads, touch panels and local sources in every zone.

There are also dedicated punch-down connectors for six ELAN®SENSE sensors and VSE Electronic Volume Control IR signals. A clearly labeled overlay shows you both the color-code and function of every connection. There's even RJ-45 jacks on the rear of the panel for an easy link to additional PS12s in multi S12 systems.

The PS12's front panel provides RJ-45 jacks for the instant connection of keypads, touch panels and local sources in every zone to the back of the S12 controller. Use ELAN C4545 one or two meter RJ-45-to-RJ-45 interconnect cables for reliable connections every time. Use ELAN CSI 35 mm Stereo Sense Input Cables to connect the PS12's six sense imput jacks directly to the S12. The front panel also features DC power jacks for 4A and 10A VIA!® power supplies and two antenna connectors for the easy connection of rooftop antennas to the ELAN DTNR Digital Dual Tuner or the XM-R3™ Triple Satellite Audio Receiver.

The front panel of the PS12 is removable, making all your rear-panel punch-downs easy. New-construction brackets are available, or the PS12 can easily be retro-fitted using the four clamping legs attached to the frame, which clamp the panel securely to drywall.

FEATURES

- Precision panel for the System12 Multi-Room A/V Controller
- 110 punch-down connectors for all system keypads, touch panels, local sources & sensors
- Clearly labeled overlay denotes both color-code & function
- Front panel RJ-45 jacks for plug & play connections to the S12
- VIA!® DC power jacks
- 2 antenna jacks for system tuners
- Removable front panel for easy rear panel connections
- PBKT6P Rough-In Brackets available in pkgs of 6

Dimensions:

Wall cutout: .....(in.) 8 W x 10-1/2 H
(mm) 204 W x 267 H

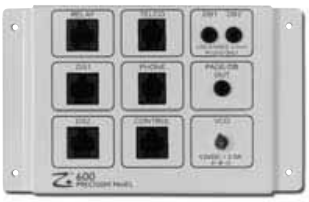
Installed w/frame: ....(in.) 9-3/4 W x 12 H
(mm) 248 W x 305 H

Additional panels would be required for systems with two, three or four S12s.

The bottom line– using PS12 Precision Panels results in a first-class, problem-free, professional trim-out of even the largest S12 systems.

PZ•600 Z•600 PRECISION PANEL

ORDER NO. PZ600



The PZ•600 Precision Panel facilitates the connection of telephone service, page, doorbell and override signals, relays and door stations to the Z•600 Communications Controller and ELAN S Series Multi-Room Controllers.

The PZ•600 is one of ELAN's new "half-frame" Precision Panels. Two half-frame panels can be mounted in one standard-size Precision Panel frame for flexibility to mix-and-match the Precision Panels needed to complete a neat, problem-free trim-out.

The back of the PZ•600 features standard 110 punch-downs for the connection of incoming telephone service, two ELAN door stations, four relays and eight volume control override signals. There's also an RJ-45 jack for a quick and easy link to the new PVSE Electronic Volume Control Precision Panel.

The front panel of the PZ•600 has RJ-11 jacks for telco and phone, and RJ-45 jacks for relays, override control and two door stations. All just plug right into the back of the Z•600 Communications Controller. DB1 and DB2 ELAN®SENSE jacks are also provided for easy connection to System12 (S12) or System6 (S6) Sense Inputs, as is a page/doorbell out jack for connection to the S12. A front panel DC power jack allows you to connect an ELAN power supply if using multiple volume controls with override.

FEATURES

- 1/2-frame precision panel for the Z•600 Communications Controller
- 110 punch-down connectors for telephones, override, relays & door stations
- Clearly labeled silkscreen for error-free terminations
- Front panel RJ-45/RJ-11 & "mini" jacks for plug & play connections to the Z•600, S12 & S6
- DC power jack for powering additional volume controls w/override
- Fits in PF2 Precision Panel Frame (required for installation), see ACCESSORIES, pg.101
- PWR12 12VDC, 2A power supply (incl.)

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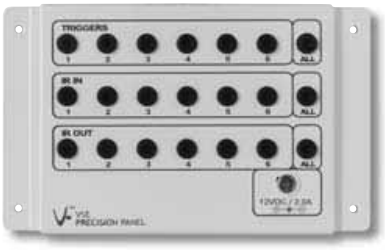
PVSE VSE ELECTRONIC VOLUME CONTROL PRECISION PANEL

ORDER NO. PVSE



The PVSE Precision Panel makes it easy to connect up to six VSE Electronic Volume Controls to any ELAN system, and it's also the perfect trim-out solution for VSEs in any stand-alone system.

The PVSE is one of ELAN's new "half-frame" Precision Panels. Two half-frame panels can be mounted in one standard-size Precision Panel frame, giving the flexibility to mix and match the Precision Panels needed to complete a neat, problem-free trim-out.

The back of the PVSE features six clearly labeled 110 punch-down blocks that provide independent connections for override, IR and sense; plus two additional punch-down connectors for easy routing of VSE IR signals to the System12 Precision Panel (PS12). Two RJ-45 jacks on the rear of the panel make it easy to route override signals from the PZ600 Communication Controller Precision Panel, and to link multiple PVSE panels together. There's also a bank of six dip switches that allow turning the front-panel VSE-specific IR Out ports into "ALL" ports. In stand-alone applications, this allows all six VSEs to control any or all sources.

The PVSE's front panel was designed with stand-alone applications in mind. Six +12VDC trigger inputs, plus a trigger "ALL" port, allow muting any or all VSEs whenever voltage is not present. Six IR inputs, plus an "ALL" port, allow an SR1 Sense/Relay/IR Controller to independently control VSEs connected to the panel.

FEATURES

- 1/2-frame Precision Panel for 6 VSE Electronic Volume Controls
- Easy to interface w/PS12 & PZ600 Precision Panels
- Multiple PVSEs can be linked together
- 110 punch-down connectors w/clearly labeled silkscreen for error-free terminations
- Front panel trigger, IR IN/OUT jacks for stand-alone applications
- PWR12 12V, 2A power supply incl.
- Fits in PF2 Precision Panel Frame (required for installation), see pg. 101

Six IR OUT ports, plus an IR OUT "ALL" port, allow each or all VSEs to control source components in a stand-alone system.

The VSEs are powered by an ELAN PWR12 +12VDC, 2A Power Supply (included).

PV12 VIDEO PRECISION PANEL

ORDER NO. PV12

The PV12 Video Precision Panel provides a clean and easy way to connect up to 12 runs of coaxial cable for composite and component video to the System12 A/V Controller or Z•880 Video Controller.

Twelve gold-plated F-to-RCA barrel connectors are mounted on flanges angled at 45 degrees. The angled flanges ensure that all coax runs slide easily back into the wall after termination, and that the cables are not bent past their specified limits, which can cause damage resulting in signal loss.

The PV12 is one of ELAN's new "half-frame" Precision Panels. Two half-frame panels can be mounted in one PF2 Precision Panel Frame, giving the installer the flexibility to mix and match all the Precision Panels needed to complete a neat, problem-free trim-out. Two PV12s can be mounted in one frame to accommodate 24 video outputs.

FEATURES

- 1/2-frame Video Precision Panel
- 12 F-to-RCA connectors
- Angled flanges for easy & safe coax wire management
- Perfect for use w/S12 A/V Controller & Z•880 Video Controller
- Fits in PF2 Precision Panel Frame (required for installation), see pg. 101

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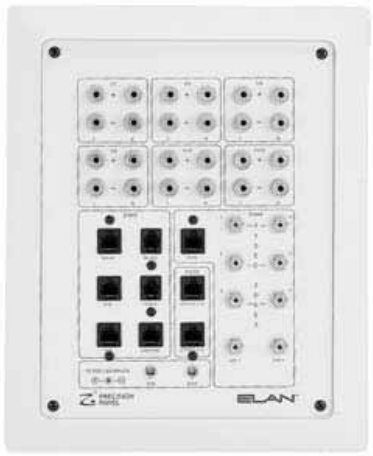
PZ•6 Z•SERIES PRECISION PANEL

ORDER NO. PZ6



The PZ6 makes wiring a Z•System easy! The front of this innovative panel has jacks for the instant connection of all Z•Series components, while the back is fitted with clearly marked punch-down connectors for all house wire runs, including keypads, door stations, relays, telephone and volume controls. The PZ6 also makes all the interconnections between Z•Series components.

To top it all off, there's a dedicated punchdown block on the back that makes interfacing with any of the VIA! wall plates (PVIA1, PVIA4, PVIA10) a breeze!

The PZ6 includes six zones of speaker connections with gold-plated binding posts as well as eight RCA-to-F video connections for Z•880 composite video signals. Volume control override and Z•025 DC inputs are also provided. The removable front panel makes punching down all connections easy. The result is a first-class, error-free trim-out.

Use two PZ6s for up to 12 zones of Z•Series connections.

FEATURES

- Front Panel RJ-45 jacks for:
  (2) Z•630 Multi-Room Controllers,
  (1) Z•880 Video Controller,
  (1) Z•600 Communications Controller
- VCO & Z•025 external power supply inputs
- 6-Pair gold-plated binding post connections to Z•660
- 8 RCA to F adapters for Z•880 video outputs
- Cat-5 color-coded overlay for easy punchdown connections
- VIA! wall plate interconnects
- Punch-down caps (incl.) prevent wires from accidentally pulling free

Dimensions

Wall Cutout: .....(in.) 8 W x 10-1/2 H
(mm) 204 W x 267 H

Installed w/Frame: ....(in.) 9-3/4 W x 12 H
(mm) 248 W x 305 H

PBKT6P Rough-In Brackets available in pkgs. of 6, see pg. 101

PZ•6BX Z•SERIES PRECISION INTERFACE BOX

ORDER NO. PZ6BX

Scaled down to fit in a box that can be mounted just about anywhere, the PZ•6BX Precision Interface Box has all the features of the PZ•6 Precision Panel except for the speaker binding posts and video barrel connectors. Use two PZ•6BXs for up to 12 zones of Z•Series connections.

FEATURES

- Provides quick, error-free trim-out of Z• Systems
- Mounts almost anywhere
- Color-coded overlay for error-free connections
- Punch-down caps prevent wires from pulling free (incl.)

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PVIA!10 VIA!® TEN-ZONE PRECISION PANEL & POWER SUPPLY

ORDER NO. PVIA10

The PVIA10 provides power for up to ten VIA!® Touch Panels as well as interconnects to the SC4 System Controller, the VIA!®SR1 Sense/Relay/IR Controller and ELAN PZ6 Precision Panel.

Front panel RJ-45 serial interface ports allow for instant connection to the SC4 and the SR1 controllers.

Cat-5 punch-down connectors on the back of the panel ensure reliable wiring network terminations for up to ten VIA! Touch Panels and cross-connects to the PZ6 Precision Panel. The paintable frame has clamping legs and a removable front panel for easy installation.

FEATURES

- Powers up to 10 VIA! Touch Panels
- RJ-45 Serial interface ports provide a link to the SC4
- Punch-down cross connects on the back provide an easy link to the PZ6 Panel
- 16VDC, 10A power supply & banana plug interconnect (incl.)
- Punch-down caps (incl.) prevent wires from accidentally pulling free

Dimensions

Wall Cutout:.....(in.) 8 W x 10-1/2 H
(mm) 204 W x 267 H

Installed w/frame: ...(in.) 9-3/4 W x 12 H
(mm) 248 W x 305 H

PBKT6P Rough-In Brackets available in pkgs. of 6, see pg. 101

PVIA!4 VIA!® FOUR-ZONE WALL PLATE & POWER SUPPLY

ORDER NO. PVIA4

In ELAN S6 or Z•Systems where up to four VIA!® panels are needed, the PVIA4 provides power, routing and an easy connection to the PZ6 Panel.

In standalone systems, this four-zone, double-gang wall plate can power up to four VIA! panels, as well as route data and video to create a four-zone VIA!-controlled system with independent IR routing.

FEATURES

- Powers up to 4 VIA! Panels
- 4 zone-specific IR emitter output ports
- 2 IR "ALL" ports
- 4 RCA-to-F barrel connectors
- 4 Sense inputs
- VIA!®SC4 System Controller input
- Punch-down caps (incl.) prevent wires from accidentally pulling free
- 16VDC, 4A power supply (incl.)
- Fits in standard 2-gang box

PVIA!1 VIA!® SINGLE-ZONE WALL PLATE & POWER SUPPLY

ORDER NO. PVIA1

This single-gang Decora®-style wall plate provides power, IR and video routing for a single VIA!® panel.

It connects easily to any ELAN S6 or Z• system where a single VIA! panel is needed, or can be used to power a VIA! panel in a standalone system.

FEATURES

- 1 IR emitter output port
- 1 sense input
- 1 RCA-to-F video connector
- 16VDC, 1.2A power supply (incl.)
- Single-gang Decora® design

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PSS1 VIA!2-SS1 PRECISION PANEL

ORDER NO. PSS1

The PSS1 Precision Panel is designed to simplify connectivity when using an ELAN VIA!2-SS1 System Station. The use of ELAN Precision Panels provides a convenient termination point and adds reliability and simplicity to any installation in which they are used.

The rear panel of the PSS1 features a neatly laid out array of punch-down connectors and ports for terminating the many devices that can be connected to the System Station, including Relays, ELAN®SENSE sensors, RS-232 controlled devices (HVAC, lighting, security, etc.), Ethernet, VIA!NET, IR and more. The PSS1's front panel provides sense inputs, IR outputs, COM ports, relays, VIA!NET and Ethernet connections that coincide with, and make easy connection to VIA!2-SS1.

The front panel of the PSS1 can be removed from its frame, making all rear panel punch-downs easy. PBKT6P new-construction rough-in brackets are available, or the PSS1 can easily be retro-fitted using the four clamping legs attached to the frame, which clamp the panel securely to drywall. Like all full-frame Precision Panels, the PSS1 can also be mounted in the PRM2 Precision Panel Rack-Mount Kit which attaches directly to any standard 19 in.-wide equipment rack.

FEATURES

- Quick, neat, professional trim-out solution for the VIA!2-SS1 System Station
- In-wall or in-rack mounting
- Provides error-free connection of Relays, Sensors, IR, RS-232, Ethernet & VIA!NET

Dimensions

Wall cut-out: .....(in.) 8 W x 10-1/2 H
(mm) 204 W x 267 H
Installed w/frame: ...(in.) 9-3/4 W x 12 H
(mm) 248 W x 305 H

PBKT6P Rough-In Brackets available in pkgs. of 6, see pg. 101

PSP12 12-PR. SPEAKER PRECISION PANEL

ORDER NO. PSP12

This ELAN Speaker Precision Panel is the logical solution for connecting speakers in every room to amplifiers back at the head end.

Twelve pairs of gold-plated binding posts provide the professional finishing touch to any multi-room audio distribution system. The paintable frame has clamping legs and a removable panel for easy installation.

The PSP12 is the perfect compliment to the PS12 Precision Panel and ELAN's 12- and 16-channel Digital Power Amplifiers (D1650, see pg. 24 and D1200, see pg. 25).

FEATURES

- 12 pairs gold-plated, color-coded binding posts
- Accepts up to 12 AWG wire, spade lugs or banana plugs (Try ELAN BJACK banana plugs, see pg. 104)
- A must for multi-room speaker terminations

Dimensions

Wall Cutout: .....(in.) 8 W x 10-1/2 H
(mm) 204 W x 267 H
Installed w/frame.....(in.) 9-3/4 W x 12 H
(mm) 248 W x 305 H

PBKT6P Rough-In Brackets available in pkgs. of 6, see pg. 101

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PSP6 6-PR. SPEAKER PRECISION PANEL

ORDER NO. PSP6

The PSP6 Speaker Precision Panel is the neat and easy way to connect in-wall wire runs from up to 6 pair of speakers (12 speakers total) to a system's amplifiers.

One of ELAN's new "half-frame" Precision Panels, the PSP6 features 6 pair of gold-plated binding posts that accommodate up to 12-gauge wire, banana plugs and spade lugs on both sides of the panel.

Two half-frame panels can be mounted in one PF2 Precision Panel Frame, giving you the flexibility to mix and match the Precision Panels you need to complete a problem-free trim-out.

Perfect for use with the ELAN 6 or 12-channel power amplifiers.

FEATURES

- Half-frame Speaker Precision Panel
- Connect up to 6 pair of speakers
- Gold-plated, 5-way binding posts
- Fits in PF2 Precision Panel Frame (required for installation, see pg. 101)

PMP6 6-HOLE MODULAR PRECISION PANEL

ORDER NO. PMP6

Dealers who need a professional termination option for modular connection plates finally have a solution: The PMP6 Modular Precision Panel.

The PMP6 can organize six Decora®-style modular plates. So whether it's RJ, coax or RCA—or ELAN single-gang wall plates such as the PVIA1 or HTWP100— the PMP6 can handle it.

The panel can be easily retro-fitted or used in new construction with PBKT6 rough-in brackets.

FEATURES

- Provides a clean, professional solution for trim-outs
- Holds six Decora®-style modular wall plates
- Easy to retrofit
- New construction rough-in brackets available (PBKT6), see pg.101

Dimensions

Wall Cutout: .....(in.) 8 W x 10-1/2 H
(mm) 204 W x 267 H

Installed w/frame: ... (in.) 9-3/4 W x 12 H
(mm) 248 W x 305 H

PMP3 3-HOLE MODULAR PRECISION PANEL

NEW!

ORDER NO. PMP3

This "half-frame" version of the PMP6 accommodates three Decora®-style modular plates. Ideal for mounting ELAN volume controls, PVIA1 wall plates or any custom-configured, single-gang Decora®-style wall plate, the PMP3 provides a neat head-end solution for the custom installer.

FEATURES

- Neat, professional head-end trim-out solution
- Holds 3 Decora®-style modular wall plates
- Fits in PF2 Precision Panel Frame (required for installation, see pg. 101)

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complete

PF2 PRECISION PANEL FRAME

ORDER NO. PF2

The PF2 accommodates any two of ELAN "half-frame" Precision Panels (PZ600, PVSE, PV12, PSP6, PMP3). The kit includes a full-size Precision Panel frame, an insert with pre-drilled holes for the mounting of two half-frame Precision Panels, mounting screws, and a blank half-frame plate to cover any unused half of the frame. New-construction brackets are available, or the PF2 can easily be retro-fitted using the four clamping legs attached to the frame, which clamp the panel securely to drywall. The PF2 is required for the installation of all half-frame Precision Panels.

FEATURES

- Frame & insert for installing (2) half-frame Precision Panels
- Blank half-frame plate & mounting screws (incl.)
- PBKT6P Rough-In Brackets available in pkgs. of 6
- The PF2 is required for the installation of all half-frame Precision Panels

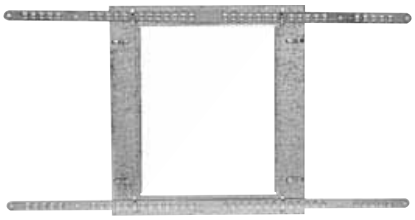
Dimensions

Wall Cutout: .....(in.) 8 W x 10-1/2 H
(mm) 204 W x 267 H

Installed w/frame: ....(in.) 9-3/4 W x 12 H
(mm) 248 W x 305 H

PBKT6P PRECISION PANEL ROUGH-IN BRACKETS

ORDER NO. PBKT6P



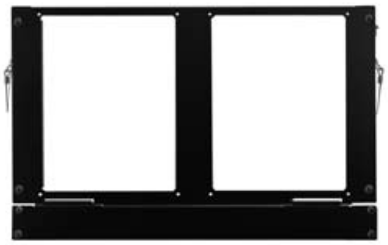
The rough-in bracket for all full-frame Precision Panels, the PBKT6P looks a lot like a speaker rough-in bracket because it once was. A sliding frame on metal straps adjusts to any location between the studs, ensuring perfect alignment.

FEATURES

- 20-gauge steel frame
- Router-friendly
- For use w/PS12, PZ6, PVIA10, PSS1, PSP12, PMP6 Precision Panels & PF2 Precision Panel Frame
- Available in pkgs. of 6

PRM2 PRECISION PANEL RACK-MOUNT KIT NEW!

ORDER NO. PRM2



The PRM2 is the latest innovation in the Precision Panel line of products from ELAN. Precision Panels provide a neat, quick and error-free means to connect the dozens of wire runs in a multi-room A/V system to ELAN components. The PRM2 takes this concept to the next level by providing an easy way to attach any combination of ELAN Precision Panels to a standard 19 in.-wide equipment rack. The Precision Panel Rack Mount Kit allows rack mounting any two full-frame Precision Panels, one full-frame panel plus two half-frame panels, or up to four half-frame panels. It features a swing-down front plate with anchored support cables that makes connections and punchdowns a breeze, and is constructed from heavy-gauge electro-galvanized steel for increased strength.

FEATURES

- Easy rack-mount solution for any ELAN Precision Panel
- Accommodates combinations of full & half-frame Precision Panels
- Hinged front panel w/support cables for easy punchdown connections
- Galvanized steel construction for maximum strength
- 8 Rack-mount & 8 panel-mount screws (incl.)

Dimensions

(in.)19 W x 12-1/2 (7u) H
(mm) 483 W x 318 H

Note: Half-frame Precision Panels require PF2 Precision Panel Frame for mounting, see above.

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RMK3 RACK MOUNT KIT FOR S6* AND A1240

NEW!

ORDER NO. RMK3

***Note: the RMK3 is not compatible with S6 purchased prior to Q2, 2006. Please call ELAN Technical Support for specific dates and details.**

The RMK3 is specifically designed to facilitate the mounting ELAN dual rack-space integrated multi-room controllers and amplifiers into standard 19 in. equipment racks in order to provide optimum air flow and heat dispersion for these units. The RMK3 will take up three rack spaces when installed.

FEATURES

- Secure rack-mount solution for ELAN S6* & A1240
- Extra rack space on top & bottom provides optimum air flow & heat dispersion
- Attractive, industry-standard finish

Dimensions

(in.) 19 W x 5-1/4 (3U) H
(mm) 483 W x 134 (3U) H

LSWP SYSTEM12 LOCAL SOURCE WALL PLATE KIT

ORDER NO. LSWP

Designed for use with the System12's eight Local Source Inputs, the LSWP sends audio and composite video from any local source (i.e. a DVD player in the Master Bedroom) back down to the S12, and IR control signals from the S12 back to the local source.

Audio and IR are transmitted over a single run of Cat-5 cable to the local source RJ-45 jacks on the S12. Balanced differential line drivers ensure noise-free audio from sources located up to 300 feet from the S12. An IR OUT jack allows you to plug in an IR emitter (included) for control of the source from that zone's keypad or touch panel. An RCA-to-F barrel connector is also provided to send local composite video signals back down to the head end for wholw house distribution.

Up to eight Local Source Wall Plates, one for each zone, can be connected to an S12.

Kit includes:

- (1) Local Source Wall Plate
- (1) IR emitter
- (1) 1m stereo interconnect cable
- (1) Leviton® Frame

SPECIFICATIONS

Input Level: .....0 – 2V RMS

Gain: .....+1dB at source plate, -1dB at S12, 0dB total

Frequency Response: .....20Hz to 20kHz, +/-0.5dB

THD + Noise: .....<0.01%

IR Output Level: .....+12V

Wire Requirements:
(Audio/IR) Cat-5
(Video) RG-6/RG-59 Coax

Style: .....White Decora® only

RSWP (FORMERLY IRAVWP) IR/AUDIO/VIDEO WALL PLATE KIT

ORDER NO. RSWP

With the RSWP, any audio/video source in any multi-room system can be located anywhere in the house.

The RSWP sends audio and video from any remotely-located A/V source (i.e. a DVD player in the Master Bedroom) back down to the head end, and IR control signals from the head end back to the remotely-located source.

Audio and IR are transmitted over a single run of Cat-5 cable. Balanced differential line drivers ensure noise-free audio from sources located up to 300 feet from the head end. IR IN and OUT ports on each plate allow for system-wide control of each source. An RCA-to-F video connector sends video back to the system over RG-6 coaxial cable.

Kit includes:

- (1) Source Wall Plate
- (1) System Wall Plate
- (1) IR emitter
- (1) IR interconnect cable
- (2) 1m stereo interconnect cables
- (2) 1m video interconnect cables
- (2) Leviton® Frames
- (1) +12VDC, 2A power supply

SPECIFICATIONS

Input Level: .....0 – 2V RMS

Gain: .....+1dB at Source plate, -1dB at System plate, 0dB total

Frequency Response: .....20Hz to 20kHz, +/-0.5dB

THD + Noise: .....<0.01%

IR Input/Output Levels: .....+12V

Wire Requirements:
(Audio/IR) Cat-5
(Video) RG-6/RG-59 Coax

Input Power: .....+12VDC

Style: .....White Decora® only

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CVWP COMPONENT VIDEO WALL PLATE KIT

NEW!

ORDER NO. CVWP

The CVWP Component Video Wall Plate Kit extends high-definition and standard definition component video wire runs up to 500 feet over standard Cat-5 cable. The CVWP Kit can be used in any system that requires component video signals be sent over long distances, and is the ideal for component video distribution from an ELAN System12 (S12) to zones equipped with high-definition TV monitors.

The CVWP can also serve as the method of distributing local (in-zone) component video sources, such as DVD players and satellite receivers, back to the head-end for whole house distribution through an S12 or other video matrix switcher.

The CVWP Kit consists of two single-gang, Decora® -style wall plates: a SEND plate and a RECEIVE plate. Dip switches on the RECEIVE plate allow you to adjust the video gain level and contrast based on the length of the Cat-5 wire run. Both plates also have F-to-F barrel connectors for the routing of digital audio over coaxial cable.

FEATURES

- Send component video signals up to 500 ft. w/o signal loss using Cat-5 cable
- Ideal for S12 Component Video distribution applications
- DIP-switch configurable for different wire run lengths
- Digital coax audio connectors Single-gang, Decora®-styling

SPECIFICATIONS

Send Plate
Input Impedance: .....75 Ohm, 1V p-p (3.4V max.)
Output Impedance: .....50 Ohm
Bandwidth: .....450MHz (-3dB)
Channel Separation: 90dB
Power: .....16VDC, 1.5A (ELAN PWR1 Power supply incl.)

Receive Plate
Input Impedance: .....50 Ohm, (4.0V max.)
Output Impedance: .....75 Ohm, 1V p-p (3.5V max.)
Bandwidth: ...150MHz (125MHz @ 500 ft.)
THD: .....-50dBc
Network Gain: 1.0
Power: .....Supplied by Send Plate

RCA INTERCONNECT CABLES

ELAN high-quality cables provide the perfect interconnect between audio, video and system components. These cables are constructed with molded strain relief gold plated RCA plugs, yet sold at a very affordable price! Each cable available in packages of six.

15-INCH STEREO INTERCONNECT CABLE

ORDER NO. CZP

Not too short, not too long. The CZP is now 15 in. — ideal for routing source audio from one ELAN controller to another in expanded S12 or Z•630 systems. Also great for Z• system component interconnects.

1-METER STEREO INTERCONNECT CABLE

ORDER NO. CZP1

The preferred cable for most audio source connections. Also great for local source-to-local source wall plate connections within one meter.

10-INCH "Y" CABLE

ORDER NO. CZY

Just what's needed for combining left and right zone or amp loop outputs for mono applications in S, Z• or HD systems.

2-METER STEREO INTERCONNECT CABLE

ORDER NO. CZP2

For use where longer audio source connections are needed.

15-INCH VIDEO INTERCONNECT CABLE

ORDER NO. CZV

Perfect for routing composite/SD video from one S12 to another.

1-METER VIDEO INTERCONNECT CABLE

ORDER NO. CZV1

Designed specifically for composite/SD video applications. Use to send video signals from DVD players, VCRs, satellite receivers, etc. to the ELAN Z•880 Video Controller or S12 Multi-Room A/V Controller.

2-METER VIDEO INTERCONNECT CABLE

ORDER NO. CZV2

Designed specifically for longer-run composite/SD video applications.

complete

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RJ-45 INTERCONNECT CABLES

ELAN RJ-45 Interconnect Cables provide an inexpensive and reliable means to connect touch panels, keypads and door stations to ELAN equipment. For the installer using ELAN Precision Panels for S and Z• Systems, these cables provide a quick, easy and error-free way to connect all the ELAN components in no time.

Each RJ-45 cable uses Cat-5, 4-pair color-coded wires and are available in the following formats:

ORDER NO. C45P
Our traditional 2-meter RJ-45 pigtail cable for use with Z•PADs and VIA! Touch Panels.

ORDER NO. C45451
A 1-meter RJ-45 to RJ-45 interconnect cable for use with the ELAN Precision Panels.

ORDER NO. C45452
A 2-meter RJ-45 to RJ-45 interconnect cable for use with the ELAN Precision Panels.

FEATURES
- Reliable, trouble-free terminations
- Solid conductor wires for punch-down terminations
- Each available in pkgs. of 6

Color Codes
- Blue & blue/white pair
- Orange & orange/white pair
- Green & green/white pair
- Brown & brown/white pair

CSI SENSE INPUT CABLE

NEW!

ORDER NO. CSI

ELAN Sense Input Cables provide a quick, easy and reliable means to connect the Sense Input jacks of a System12 to the PS12 Precision Panel. Their 2-meter length provides plenty of slack between the equipment rack and the wall where the PS12 is mounted. Molded 3.5 mm stereo plugs at both ends ensure a reliable, long-life connection.

FEATURES
- 2M interconnect cable for S12-to-PS12 sense input applications
- Stereo 3.5 mm "mini" plugs on both ends
- Available in pkgs. of 6

BJACK BLACKJACK BANANA PLUGS

ORDER NO. BJACK

Tired of paying more for an inferior product? The BlackJack has heavy-duty, gold-plated, spring-loaded binding posts with knurled screw-down nuts—a high-quality product for any audio amplifier or speaker termination at a very affordable price.

FEATURES
- Gold-plated, spring-loaded posts Accepts up to 6AWG wire
- Black & red bands indicate polarity
- Available in pkgs. of 6
- Also available in 50-pair bulk packs (model BJACKBP)

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complete

POWER SUPPLIES

Many of the ELAN products that require external power supplies already have them included in the box. There are, however, other products where the type of power supply needed is determined by the system's configuration. The PS12 Precision Panel, for example, might require a PWR4 or PWR10 depending on the number of VIA!® Touch Panels in the system. A PZ6 Precision Panel may or may not require the use of a PWR12 depending on the number of volume controls with override and/or Z•025 Speaker Relay/Audio Detect Switching Modules.

ELAN makes a number of these power supplies available for separate purchase. The table below details their specifications and product-specific applications.

PWR2

PWR4

PWR10

Catalog Order No.	Output Voltage	Max. Load Current	Max. Power Output	Output Connection	Type	Regulated	Input Voltage	Included with	Also for use with
PWR1	16 VDC	1.5A	24W	⊖—◉—⊕	Switcher	YES	100 to 240VAC	CVWP, PVIA1, VIA!-SC4, VIA!-SR1, VIA!LEARNER, VIA!VALET-6.4	N/A
PWR2	12 VDC	200mA	24W	⊖—◉—⊕	Switcher	YES	100 to 240VAC	IRD4, IRKIT	N/A
PWR3	12 VDC	2.1A	25W	⊖—◉—⊕	Switcher	YES	100 to 240VAC	DC2000, DSC2000, CAM5000, SIM2, VIA2SS1	IRD4
PWR4	16 VDC	4.3A	68W	DIN	Switcher	YES	100 to 240VAC	PVIA4	PS12 w/up to 4 VIA!s
PWR5	12 VDC	500 mA	6W	⊖—◉—⊕	Switcher	YES	100 to 240VAC	N/A	N/A
PWR9	9 VDC	100mA	0.9W	⊖—◉—⊕	Linear	NO	120VAC (only)	N/A	used for Status Sense w/IRD6Z
PWR10	16 VDC	10A	160W	Binding Posts	Switcher	YES	100 to 240VAC	PVIA10	PS12 w/ up to 10 VIA!s
PWR12	12 VDC	2.1A	25W	⊕—◉—⊖	Switcher	YES	100 to 240VAC	PZ600, PVSE	VSE, VEHP, PZ6

complete

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ELAN Rewards

TRIO

ELAN tech work

At ELAN, we pride ourselves on supporting our Dealers with world-class training, sales and marketing, products and service. Each year, we push ourselves very hard to introduce new Dealer programs that are unmatched in our industry. In just the past few years, we have launched five major new initiatives, each carefully designed to inspire, excite and train our best customers—the ELAN Dealers.

These latest programs have been developed to present you with new opportunities and incentives that will enrich your businesses and lives—every day.

ELAN UNIVERSITY

Your resource for online training anytime, anywhere.

"ELAN U is an invaluable program because knowledge is power, and it's the only way to ensure a happy customer."

~ Joe Strang, CEO Showcase Home Theatre & Automation
Calgary, Alberta, Canada

Learn at your convenience and pace—from your home or office.

Train on all ELAN products with ease.

Gain new insight into our products, programming and applications.

Access special tips and techniques for your installation success.

Save valuable money and time—no travel costs.

Add to your company's bottom line—training reduces time on-site.

ELAN prides itself on supporting our Dealers with world-class training and technical services. We provide our training using a variety of delivery methods including hands-on training at ELAN Headquarters, regional field training, and our online ELAN University **(ELAN U)**, which was established in 2003.

Today, over 72,000 courses have been taken on **ELAN U**, which now leads the industry in training. In addition, nearly 2600 certificates have been issued since **ELAN U's** introduction in July 2003.

This program is continuously expanding to best support ELAN Dealers and their businesses. In 2005, over 35 new courses were added on ELAN products and the program has expanded to now include industry general training such as Home Networking and Wireless Integration. A complete Sales Training Program is also coming soon.

ELAN U is dedicated to providing all the information you need to be most successful with installing and supporting ELAN products. It is offered to all authorized ELAN Dealers. Our online University offers comprehensive courses and lessons are accompanied by audio. **ELAN U** is always growing! Plus, you'll get immediate access to all of ELAN's latest news via THE WIRE, including Tech Bulletins, cool tech tips, new product introductions and more!

ELAN U is at YOUR service 24/7/365. There are three main levels of certification you can attain at **ELAN U**:

- **ELAN Professional**
- **ELAN Master**
- **ELAN PhD**
- **ELAN E²**

Benefits to the Installer

- Fast. Get up to speed on ELAN specifics quickly.
- Convenient. Fits your pace, your schedule.
- Current. Stay up to date on products, applications, software & receive tech bulletins.
- Professional Development. Get certificates & rewards for achieving levels.
- Join THE ELITE group of ELAN Experts—the E²s, and reap even greater rewards in 2006!

Benefits to the Boss

- Cost effective. No $ on airfare, hotels & rental cars.
- Maximizes time. Less loss of install time.
- Current. Your team's up to date on the latest.
- Improves installs. Trained crew means fewer on-site issues, faster installs & fewer call-backs.
- Net/Net. Adds to your bottom line!

Do the Numbers–We Did

- Average cost of airfare and 5 days accommodations for corporate training = about $800.
- Add cost of revenue lost while away.
- Same $800 = 8 installers full access to all **ELAN U** courses for an entire year!

Check out www.elanu.com today!

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TRIO The ELAN Summit

Solely Dedicated to the 3 Key Facets of Your Business.

Business • Sales • Technical

TRIO has grown into a valuable bi-annual ELAN Dealer program, and is unmatched by any other manufacturer in the industry. Exciting, Extraordinary and Exceptionally Focused. Easily the Most Productive Weekend of Your Year.

Gain valuable Insight from other dealers.

Hear exceptional keynote speakers.

Attend specially designed, separate business, sales and technical courses.

Interact with ELAN VIA!® Manufacturer Partners.

Enjoy great entertainment.

Take your business to the next level.

> "Once again, TRIO convinced me we are coupled with a company that shares our desires for success and providing our customers with a great experience at a value price point."
>
> ~ Chuck Bock
> *Totally Wired Networks*

It started as a vision. Bring together over 400 Managers, Sales and Technical personnel from ELAN Dealerships, VIA!® Integration Partners, Independent Sales Rep Firms and leading industry press from around the world to participate in a truly unique industry forum. An event that is specially designed to inspire and foster growth of ELAN Dealerships through exceptional training, presentations and evening events.

On May 13th, 2004, the vision became a reality with the Inaugural ELAN TRIO Summit held in ELAN's backyard. Lexington, KY became the gathering spot for ELAN's best customers to experience a well-rounded and passionate, growth-focused Dealer program.

TRIO has grown into a valuable bi-annual ELAN Dealer program, and is unmatched by any other manufacturer in the industry. At TRIO, you'll hear from experts on topics that directly impact your bottom line. Get the latest technology updates and new product news, and find out how to incorporate them into a highly profitable sales strategy. Participate in a wide array of sales and technical management training, business education, inspiring keynote speakers and networking opportunities. Foster deeper, life-long relationships with ELAN and other Dealers. There is something for everyone in your Company.

Beginning in May 2006, TRIO will alternate with our new Installer-focused program – Tech Week. The first ELAN Tech Week will be held May, 2006 and continue to run in May on even numbered years. TRIO will run on odd numbered years beginning in May 2007. This way, ELAN can best serve each of the personnel who make up our Dealer's companies - even better than ever!

So, don't miss out on TRIO, the incredible ELAN program designed to inspire thought, cover relationship and lifestyle selling, create excitement within your company, and provide exceptional new ways to reach your complete professional success. Watch for TRIO 2007 details as they unfold in late 2006.

Special Thanks to Our 2005 VIP Partners

LUTRON Lutron controls your light.™ VANTAGE

Middle Atlantic Products, Inc. GE Security

Check out www.elanrewards.com/dealer/trio today!

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ELAN Tech Week May 14-18, 2006

The Biggest, the Most Thorough and the Most Intensive Technical Training Event Offered by Any Manufacturer in Our Industry.

Attend the most thorough and intensive technical training event ever offered by ELAN–or any custom manufacturer.

Choose the right 2 or 3 day program for your individual needs.

Hone your skills.

Share knowledge with other installers.

Enjoy evenings of entertainment and optional VIP courses.

Take your installations to the next level.

Dealers Networking

With the success of the ELAN Dealer TRIO program, it became apparent to ELAN that many Installers would like to have more in-depth ELAN product and technical training. So we have expanded our vision and offerings by introducing a whole new

TECH Teams Competing

Technical Training program in May 2006. Now, Technical types will have the awesome opportunity to attend the biggest, most thorough, and the most intensive training event ever offered by ELAN at THE 2006 TECH WEEK.

The first bi-annual ELAN Tech Week will be held May 14 - 18, 2006 and will then alternate every other year on even numbered years. This unmatched Dealer Program is geared towards connecting with our valued Installers. At Tech Week, ELAN provides:

- Two intense days dedicated to the exact level of training needed
- Three different tracks geared to the needs of every installer.
- Courses broken out into two or three day sessions, and priced accordingly.
- Choose based on individual needs.
- Both hands-on and classroom training offered.

Imagine over 200 of the country's most qualified Technicians gathered together in Lexington, with a single purpose: To hone their skills and share knowledge!

So, Installers–don't miss out on this colossal Dealer event. Tech Week, the incredible ELAN program designed to provide Dealers with entry to advanced levels of technical training, inspire installation ideas, share success stories, and deliver exceptional new ways to reach your complete technical and professional success. Registration will open in January of the TECH WEEK event. For more information and to register, go to www.elanhomesystems.com/techweek.

Hot Topics Discussed

ELAN - Committed to Making Your Life Better.

Check out www.elanhomesystems.com/techweek today!

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ELAN Rewards

Win with ELAN as an ELAN REWARDS Member

Sign up for ELAN REWARDS and every single time you contract qualifying jobs and sell ELAN gear into them, you can earn points towards amazing gifts! Nearly 100 different items can be redeemed including ELAN products, MP3 players, golf clubs, luggage, watches, ELAN wearables, camping gear, bicycles and even luxury trips! Plus a lot more. Simply visit **elanrewards.com** to participate.

Here's How to Start Getting Rewards:

Register at www.elanrewards.com and get 5,000 points just for registering!

Enter your qualifying job contracts using our simple screens.

Sell ELAN equipment, complete the contract, and submit sign-off to ELAN.

Earn and ACCUMULATE points for ELAN products, wearables, golf clubs, electronics, bicycles, luggage, watches, trips and much more!

See how you're doing against your peers on the ELAN Leader Board! We will post names of the top leaders around the world on ELAN systems! See all of your activity 24/7/365 on our REWARDS site.

Look at all this great stuff...and it's easy to build up points. The average ELAN Rewards contract is 100,000 points.

Find all of these Rewards and more from ELAN at www.elanrewards.com or call 1-859-269-7760.

It's Easy... Check Out These Examples!

Sell 1 VIA!dj... get an ELAN Fleece Pullover!

Sell **$21,000** in retail... get an ELAN DTNR Dual Tuner!

Check out www.elanrewards.com today!

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A

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🌐 When you see this symbol, the product is available in either PAL, 230VAC or 240VAC Versions.

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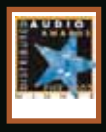

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Lexington, KY USA

voice 859.269.7760

fax 859.269.7972

sales 877.289.3526

tech support 800.622.3526

email elan@elanhomesystems.com

www.elanhomesystems.com